

HOW TO APPLY :

The interested teachers / scientists should apply on line through CBP portal <http://cbp.icar.gov.in> or click on capacity building programme under <http://www.icar.gov.in>. The approved copy along with the postal order of Rs. 50/payable in favour of The Comptroller, UHS, Bagalkot (Non-refundable registration fee should be sent to the Course Coordinator through surface mail or through speed post. The list of selected participants will be displayed in the CBP portal of ICAR website and UHS Bagalkot website.

IMPORTANT DATES :

Last date for receipt of application: 30.09.2018

Intimation of selection: 05.10.2018

Last date for confirmation by the participants: 10.10.2018.



ADDRESS FOR CORRESPONDENCE

Dr. K. Ramachandra Naik

Course Coordinator, Head

RHREC, Kumbhapur Farm, NH4 Bypass, Belgaum Dharwad-580 005,
Karnataka, India Cell : 09449914821 or 9449872871

Fax : 0836 2780381 e-mail: headhrecd@gmail.com

website : www.uhsbagalkot.edu.in

or

Contact : **Mr. Sreedhar D** : 09739554818, 08073372094

Mr. Laxman Padanad : 09945316472

Smt. Sahida : 09916 578697

REGISTRATION FORM

(ICAR sponsored training programme under CAFT on "Conservation and Utilization of Plant Genetic Resources of INDIGENOUS TUBER CROPS for Food & Nutritional Security and commercial viability" to be held from 4th to 24th November-2018)

1. Full name (in block letter) : _____

2. Designation: _____

3. Present employer and address : _____

4. Address to which reply should be sent (in block letter)

: _____

Mobile: _____ Telephone _____

email : _____

Permanent address : _____

6. Date of Birth : _____

7. Sex (Male/female) : _____

8. Teaching /Research /Professional Experience

a) No. of Publications during last 5 years : _____

b) Mention the post held : _____

9. Marital status (Married/Unmarried): _____

10. Mention if you have participated in any Summer/Winter School/Short Course, etc. during the previous years under I.C.A.R./ Other

Organization : _____

11. IPO/D.D.No. _____ Dated: _____ for Rs. 50=00

12. Academic qualifications with details of degrees, year of passing, class/rank and institute

Date: _____

Place: _____

Signature of the Applicant

13. Recommendation of the forwarding Institute

Name : _____

Signature : _____

Designation : _____

Address : _____

Date : _____

Certificate

It is certified that the information furnished by the official is verified with the office records and found correct.

Signature & Designation of the Sponsoring Authority

Note : Typed copies of application may be used



Training Programme under CAFT



on

"Conservation and Utilization of Plant Genetic Resources of INDIGENOUS TUBER CROPS for Food & Nutritional Security and commercial viability."

(04th to 24th November 2018)



Course Director

Dr. K. M. Indires

Registrar, UHS, Bagalkot

Course Coordinator

Dr. K. Ramachandra Naik

Professor & Head

RHREC, Dharwad & (UHS-Bagalkot)

Associate Course Coordinators

Dr. Suvarna Patil, Mr. Sreedhar D. & Mr. Laxman Padanad

RHREC, Dharwad

Organized by

RHREC Dharwad,

Directorate of Research & Extension,

University of Horticultural Sciences, Bagalkot, Karnataka - 580 005, India

Sponsored by

Education Division, Indian Council of Agricultural Research,

New Delhi-110 012, India

Conservation and Utilization of Plant Genetic Resources of Indigenous Tuber Crops for Food & Nutritional Security and commercial viability.”

BACKGROUND

Tubers are enlarged structures in some plant species used as storage organs for nutrients. The term originates from latin tuber, meaning "lump- swelling". Roots and tubers provide a substantial part of the world's food supply and are also an important source of animal feed. On a global basis, approximately 55 percent of roots and tuber production is consumed as food; Major groups of roots and tuber crops, viz., Cassava (*Manihot esculenta*), Sweet potato (*Ipomoea batatas*), Yams (*Dioscorea* spp.) and edible Aroids (*Colocasia esculenta* and *Xanthosoma* spp.) known variously as Taro (*Colocasia*) and Tannia (*Xanthosoma*), but often referred to as cocoyams, Arrow roots, etc.. In India, tubers occupy 0.24 m ha with a production of 5.1 million tonnes. They are cultivated predominantly in the southern states. Different types of Tubers can be grown in northern parts of the country throughout the year as she is bestowed with varied agro climatic conditions. Lot of genetic variability is reported in tuber land races, local varieties, improved cultivars and wild species from different parts of our country. The knowledge on Collection, evaluation, characterization, conservation and utilization of Plant Genetic Resources (PGR) of different tubers is very much essential in order to incorporate genetic material to evolve tuber genotypes with desirable traits. Some of the minor and under exploited tubers have got potential nutraceutical value which can be identified and documented for future use. Systematic and institutionalized conservation activities based on scientific principles are established, which help to breed crop varieties and face new challenges.

Therefore, taking into consideration of value of these tuber resources and scope, the present training is very much essential to adopt the recent methods of characterization, conservation, processing, value addition, product development and utilization for food and nutritional security including biotechnological tools to the trainees for updating their knowledge in the field. Keeping the above aspects in view, ICAR sponsored training programme on “**Conservation and Utilization of Plant Genetic Resources of Indigenous Tuber Crops for Food & Nutritional Security and commercial viability.**” under CAFT is being organized from 04 November -2018 to 24 November- 2018 at Regional

Horticulture Research and Extension Centre Dharwad of UHS-Bagalkot in Karnataka State-India.

OBJECTIVES

1. To create awareness on importance of collection, characterization and conservation of plant genetic resources in major, minor and underexploited Tuber crops.
2. To provide training on collection, characterization and Conservation of PGR in different Tuber crops.
3. To enrich the knowledge on application of biotechnological tools for PGR conservation in Tuber crops and
4. To create awareness on nutritional profiling, processing, value addition, product development and utilization of Tuber crops for food and nutritional security & commercial viability.”

ABOUT THE VENUE:

Dharwad is popularly known as Educational and Cultural Head quarter of the Karnataka State located near Western Ghats at 678 m above MSL. The weather during November will be pleasant with a maximum temperature of 28 - 30°C and a minimum of 14 -15°C with occasional drizzling rains and accordingly the participants are advised to bring suitable cloths/ umbrellas. Dharwad is surrounded by many historical places like:- Chalukya dynasty, the rock cut cave temples carved in monolithic single stone of Badami (royal capital of Chalukya's), Virupaksha temple of Pattadakal built in the South Indian style (replica of the Kailasanatha temple of Kanchi), Aihole also called as cradle of hindu architecture and described as the laboratory for architecture rather a university of Indian architecture. Kudalsangam the place where social reformist of 12 century Shee “Basavanna” lived, Alamatti dam a life line of Agri-Horti development, the world famous Golgumbaz of Vijayapura , UNESCO World Heritage Sites of Hampi of Vijayanagara Empire and Beaches - Beautiful sceneries of Goa are within the radius of 200 km.

FACULTY

The University of Horticultural Sciences Bagalkot have eminent scientists/ Teachers as resource persons. In addition, the eminent resource persons from other Universities, institutions of ICAR and other private Tuber industries / organizations involved in Tuber production, processing, Value addition and Export business will be involved in making the course more effective.

ELIGIBILITY

The training programme under CAFT is open to Teachers/ Researchers/ Extension personnel, Processors/ Food Technologists / Nutrition Specialists/ Marketing Experts/ Quality Control Specialists of SAUs/ ICAR institutions, Deemed Universities and Central Universities related to farm Sciences working in the rank of Assistant Professor and above cadre.

DURATION OF THE COURSE

The training programme under CAFT is for 21 days from 04th to 24th November 2018. The participants are requested to arrive latest by 03rd November- 2018 evening and may plan their return Journey in advance immediately after 5.00 PM on 24th November-2018.

HOW TO REACH DHARWAD

The Regional Horticultural Research & Extension Centre of Dharwad is located equidistant between Pune and Bangalore (430 km) on National Highway (NH-4). The twin cities Dharwad and Hubli are well connected to other parts of the country by rail, road and airways from Hubballi (Hubli), Belagavi, Bangalore cities. The RHREC, Centre of Dharwad is 1km away from UAS Dharwad Main gate towards Belagavi road, 2 km from Dharwad bus station, 6 km away from Dharwad Railway station, 25 km from Hubli railway station. The nearest railway junction is Hubballi (Hubli/ UBL). However on your personal level under emergency situation, candidates may reach Dharwad by nearest AIR port of Hubballi (Hubli) located at 22 km distance and Belagavi AIR port located at 85 km away from Dharwad *).

TRAVEL AND ACCOMMODATION

* Participants will be paid “to and fro” travel charges for their Journey by the shortest route by rail / bus on the production of original tickets (only public transport) as per ICAR norms and restricted to maximum of II tier AC fare. Participants should give prior intimation of travel plan for local pickup from Dharwad bus/ railway station. Free lodging and boarding will be provided for 25 Participants in the University guest house and will be served with the local dishes of North Karnataka. The local participants will be provided with lunch and inter session refreshments only. All the participants are requested to abide by the rules and regulations of UHS, Bagalkot.