ABOUT THE LOCATION OF TRAINING

Kittur Rani Channamma College of Horticulture is a constituent College of University of Horticulture Sciences, Bagalkot. It was established in 1994-1995. It is situated at a distance of 9 kms from Gokak on Gokak-Bijapur road. Ghataprabha is a nearer railway station which is 9 kms away from college. Belagavi is the district headquarters where the Karnataka legislature will meet once a year. Gokak is a taluk headquarter, it is located around 70 km from Belagavi at the confluence of two rivers, the Ghataprabha and the Markandeya. Gokak is surrounded on one side by a range of hills, and on the other side by a vast plain of black soil. The river Ghataprabha flows from the north side of the city and cascades down through a cleft of 167 ft, to form Gokak Falls before flowing through the town. Arabhavi is surrounded by many tourist places viz. Gokak falls, Hidakal Dam, Godachinamalki Falls, Jamboti Hills, Vidhana Soudha, Belagavi and Almatti Dam etc.

IMPORTANT DATES

Last date for receipt of applications : **11.12.2017**
Intimation to selected candidates : **22.12.2017**
Confirmation to selected candidates : **27.12.2017**

Address for Correspondence

Dr. G.K. Seetharamu
Course Co-ordinator & Associate Professor (FLA)
Department of Floriculture and Landscape Architecture
Kittur Rani Channamma College of Horticulture
Arabhavi, Gokak, Belagavi dist. - 591 218
Mob : 9482047765
Email: caftarabhavi2017@gmail.com/ seetharamgk@gmail.com

REGISTRATION FORM

(ICAR sponsored training programme under CAFT
on "Recent Advances in Genetic Exploration and
Conservation of Genetic resources in Ornamental Plants")
8-28th February, 2018

1. Full name (in block letters)_____
2. Designation_____
3. Present employer and address_____
4. Address to which reply should be sent (in block letters) (Give telegraphic, fax, e-mail address and cell no.)

   _____
5. Permanent address_____
6. Date of birth_____
7. Sex: Male / Female
8. Teaching / research / professional experience (mention post held) during last 5 years and number of publications.

   _____
9. Mention if you have participated in any Research Seminar, Summer / Winter School / Short Course etc. during the previous year under ICAR / Other Organizations.

   _____
10. IPO / D.D No._____ dated_____of Rs. 50/-
    (Non Refundable as registration fee)
11. Academic Qualifications

Examinations passed	Subject	Year of passing	Class/ rank	University	Other information

Place :
Date :

Signature of the Applicant

Signature

12. Recommendations of forwarding institute.

Name _____
Signature _____
Designation _____
Date: Address _____

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.

Training programme under CAFT on "Recent Advances in Genetic Exploration and Conservation of Genetic resources in Ornamental Plants"

8-28th February, 2018

Course Director
Dr. K. M. Indiresh
Registrar, University of Horticultural Sciences
Udyanagiri, Sremikeri Cross, Bagalkot
✆ 9480696389

Course Co-ordinator
Dr. G. K. Seetharamu
Associate Professor (FLA)
Department of Floriculture and Landscape Architecture
Kittur Rani Channamma College of Horticulture, Arabhavi

Associate Co-ordinators
Dr. Balaji S. Kulakarni
Professor and University Head (FLA)
College of Horticulture, Bengaluru - 560 065
✆ 9449384950
Dr. Ramachandra R.K.
Asst. Professor (Plant Breeding and Genetics)
College of Horticulture, Mysuru

Sponsored by
Education Division
Indian Council of Agricultural Research
New Delhi

Organized by
Kittur Rani Channamma College of Horticulture
University of Horticultural Sciences, Bagalkot
Arabhavi, Gokak, Belagavi Dist. Karnataka - 591 218
✆ 08332-293436 / 284506, Fax : 08332-284681

RATIONALE OF THE COURSE

Floriculture is an important multibillion dollar industry dealing with thousands of species and varieties of ornamental plants in both cultivation and in wild. In addition, it also provides important livelihood option for several poor, especially in peri-urban areas. Current global conservation efforts are focused mainly on food, forage and industrial crops. The world's germplasm collection exceeds six million accessions, stored in about 1400 gene banks world wide. However, barely less than once percent of these are ornamental species. Besides conserving food crops, should also recognize the wealth of ornamental plant diversity to bring happiness and health among humankind. To date only one specialized ornamental plant gene bank, the ornamental plant germplasm center exits in Ohio, USA, although there could be small collections with different public and private organizations. More such centers are required to collect and conserve the disappearing genetic materials including new species not only for the aesthetic values but also as food, medicine and beverage and for improvement. Presently ornamental germplasm are conserved through the in-situ and ex situ methods in forests, national parks, botanical gardens and arboreta. Various techniques ranging from the simple drying of seeds to cryopreservation of embryos are in practice. Collections, evaluation, characterization, conservation and utilization of plant genetic resources of flowers and ornamentals are very important in order to utilize the desired tracts for crop improvement and conserve the valuable germplasm for feature use.

OBJECTIVES

1. To create awareness on importance of collection, characterization and conservation of plant genetic resources in major, minor flowers and ornamentals.
2. To provide training on collection, characterization and conservation of PGR in different flower crops.
3. To enrich the knowledge on application of biotechnological tools for PGR conservation in flowers and ornamental crops.

COURSE CONTENTS

Based on the above background the following topics have been designed to discuss during training to create awareness as well expose to latest development of the Plant genetic resources of in ornamental plants, Conservation of genetic diversity in ornamentals, opportunities and constraints, Procedures involved in germplasm exchange, Principles, strategies and practices of exploration, Collection, characterization, evaluation and cataloging of PGR in selective flower crops, Germplasm introduction and exchange and plant quarantine and phyto-sanitory certification in flower crops, Gene bank management in ornamental crops, study of descriptors and data base management in flower crops, Conservation and utilization of PGR in rose, orchids, carnation, lawn grasses and other ornamentals, wealth of ornamental plants in India, production of disease free ornamental planting materials, gene behind flower crops, Intellectual property rights in horticulture crops, PPVFR and Farmer rights in horticulture crops, hands on training in preparation of bio control agents/ bio pesticides, role of land races, local cultivars and improved varieties in flower productivity enhancement, Genomes and MAS in major flower crops.

In addition to this Study trip will be arranged to ICAR Goa complex, Goa, UAS, Dharwad, UHS, Bagalkot and other private research units and landscaped gardens.

GENERAL INFORMATION

WHO CAN PARTICIPATE?

The programme is open to scientists/teachers/subject matter specialists/professionals of ICAR Institutes/SAU's/KVK's involved in research and development programmes. A maximumof 25 participants will be selected based on their experience and area of working. One to two participants may be sponsored from each Institute/Organization.

ELIGIBILITY

The candidate must hold Master's degree in Horticulture, Agriculture and Basic science. Participants must be working not below the rank of Assistant Professor / Scientist / SMS or equivalent in the related theme of the winter school and concerned subject.

DURATION OF THE COURSE

The course is scheduled from 8th to 28th February 2018 (both days inclusive) participants are expected to arrive at the KRCCH, Arabhavi, by the morning of 8th Feb. 2018

TRAVEL AND ACCOMMODATION

Participants will be paid travel fair to and fro by shortest route from their institutions to KRCCH, Arabhavi, Gokak taluk and back (Maximum class of 2AC) train fare only or bus fare as the case may be as per ICAR rules. Participants are required to produce original rail and bus tickets for reimbursing the travel expenditure. No DA will be provided during entire period of training. Free boarding and lodging will be provided to the participants in the institute guest house. The local participants will be provided with a lunch and inter-session refreshments only. The participants should abide by the rules and the regulations of the institute.

VENUE

The winter school classes will be held at Kittur Rani Channamma College of Horticulture, Arabhavi. The lectures will be conducted in the Seminar hall of College, while practical's and demonstration on instrumentation will be done at Central laboratory and laboratories of concerned department.

WEATHER

The climate at Arabhavi, Gokak during training period is pleasant.. The maximum and minimum temperature is around 35°C and 21 °C, respectively.

HOW TO REACH KRCCH, ARABHAVI, GOKAK

Kittur Rani Channamma College of Horticulture, Arabhavi is well connected by road and rail to the Belagavi, Hubballi, Pune cities. The nearest airport is Belagavi located 70 km away. Arabhavi is 9 kms away from Ghataprabha railway station and 9 km from Gokak city. KSRTC buses are available from Hubballi / Dharwad/ Belagavi bus station. Participants should give prior intimation of travel plan for local pick up from Ghataprabha railway station / Gokak bus station.

HOW TO APPLY

The applicants desirous of participation may send their online nomination for the training through CBP portal site (http://chip.icar.gov.in or click on capacity building programme under http://www.icar.gov.in.) The approved copy along with postal order / DD of Rs. 50/- payable in favour of The Comptroller, UHS, Bagalkot (Non-refundable registration fee) payable at State Bank of India, Bagalkot branch. The successfully uploaded application must be sent to the Course Co-ordinator through surface mail or through speed post. The list of selected participants will be displayed in the cbp portial of ICAR website and university website (www.uhsbagalkot.edu.in). In case of any query please contact Course Co-ordinator.

ABOUT UNIVERSITY

Realizing the importance of horticulture the Karnataka Government has established University of Horticultural Sciences (UHS) at Bagalkot during 2008. The University has adopted imparting of quality education, conducting applied, strategic and basic research in all branches of horticulture and also facilitating the transfer of technology to the farming community since its establishment and achieved considerable progress in all these the fields of education, research and extension within a short span of time and became a national and as well as international reputed institute. Recognizing universities fastest growth and quality of work performing in the field of in human research development, ICAR has sanctioned the Centre for Advanced Faculty Training (CAFT) on Genetic Resources Management and Nano technology for one its constituent colleges at Mysuru.