



Summer School

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Contemporary Methods of Conservation and Management of Horticultural Genetic Resources

7th -27th June , 2016

Sponsored by
Indian Council of Agricultural Research
New Delhi



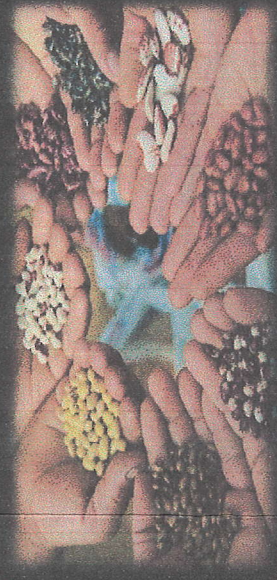
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Organized by
Division of Plant Genetic Resources
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Background

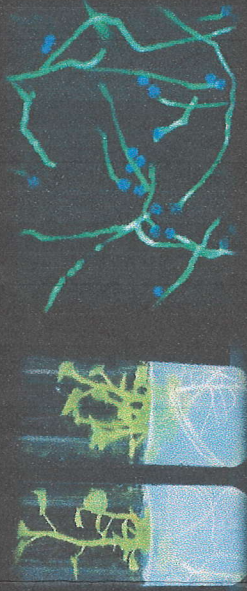
The Division of Plant Genetic Resources of ICAR-IHHR, Bangalore has been designated as nodal center for Horticultural Genetic Resources by ICAR. There is a need to impart and develop skills to manage and conserve the Horticultural Genetic Resources among the researchers of different horticultural institutes under Horticulture Science Division of ICAR. This Summer School is envisaged to impart such an exposure to scientists who involved in the Conservation of Horticultural Genetic Resources. All aspects of management and conservation of Horticultural Genetic Resources will be covered in this 21 days training programme. The experts in the field of genetic resources will be invited to impart training both in theory and practicals. Since the Horticultural Genetic Resources require a plethora of methods for conservation, suitable techniques will be taught to the participants. This is for the first time such a comprehensive training programme on horticultural genetic resources is being organised in ICAR by IHHR, Bangalore.



About ICAR- IHHR

IHHR, the first Horticultural Research Institute in the country under the ICAR, was established on 5th September 1967 at New Delhi. Later, the base of IHHR was moved to Hesaraghatta located 25 km away from Bangalore in Karnataka on 1st February 1968, by merging the institute with National Hortorium of Govt. of Karnataka.


The institute, spread over a land area of 263 hectares acts as a nodal agency for basic, strategic, anticipatory and applied research on various aspects of Horticulture such as fruits, vegetable, ornamental, medicinal and aromatic plants and mushrooms in India.



Plant Genetic Resources Division

The Division is involved in exploration, introduction, exchange, evaluation, characterization and conservation of Horticultural Genetic Resources. IHHR has introduced 22,080 accessions in fruits, vegetables, ornamentals, medicinal and aromatic plant species. It also works on enrichment of germplasm from wild sources through exploration missions, carried out from various regions of the country. A Pollen Cryobank was established under the division for long term cryogenic preservation of crops which was featured in the Limca Book of Records in 2001. A Field Gene Bank (FGB) for Mango, Guava, Jackfruit and RET species have been established.





Topics to be covered

- > Sensitizing exploration, collection, sample processing and germplasm testing
- > Exposure to *ex situ* and *in situ* conservation through case studies, field and laboratory visits
- > Hands on training on morphological and molecular characterization
- > Guidance for registration of elite germplasm
- > Hands on training on use of GIS in distribution mapping
- > Lectures on safety duplication policies & quality management
- > Enlightening IPRs in H-PGR management

The course will provide an opportunity to have both theoretical and practical experience in the contemporary approaches in H-PGR conservation & management.

Eligibility

The program is mainly targeted for entry-level scientific professionals working not below the rank of Scientist/Assistant Professor and equivalent under ICAR institutes/SAUs who are actively involved in H-PGR management.



How to apply

Applications will be accepted only through CBP Portal (<http://www.iasri.res.in/cbp>) in online mode and the scanned copy of application form approved by the Competent Authority should be uploaded in the portal on or before May 20, 2016.

Selection of Participants

Maximum intake for the program is 25 participants. As per the eligibility criteria, participant's selection would be based on work, experience and involvement in PGR management. Selected participants are expected to bring their present assignment pertaining to H-PGR management./conservation

TA/DA

Participants will be paid to and fro fare for journey performed by the shortest route by rail or bus (only by public transport) as per their entitlement but restricted to the maximum of AC-II tier train fare as per ICAR norms. If any participant chooses to travel by air, their claim shall be restricted to AC-II tier train fare only, provided they travel by Air India. Participants are required to produce originals of the rail/bus/air tickets for claiming TA/DA



Boarding and Lodging

Participants will be provided accommodation, wholesome meals and refreshments. However, local participants will be provided lunch and inter-session's refreshments only.

Important dates

Last date of receipt of application: 20.5.2016
Notifying of selection list : 25.05.2016

For further information about the summer school, please see CBP portal (<http://www.iasri.res.in/cbp>) or ICAR-IIHR website (<http://www.iihr.res.in>)

Address for correspondence

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