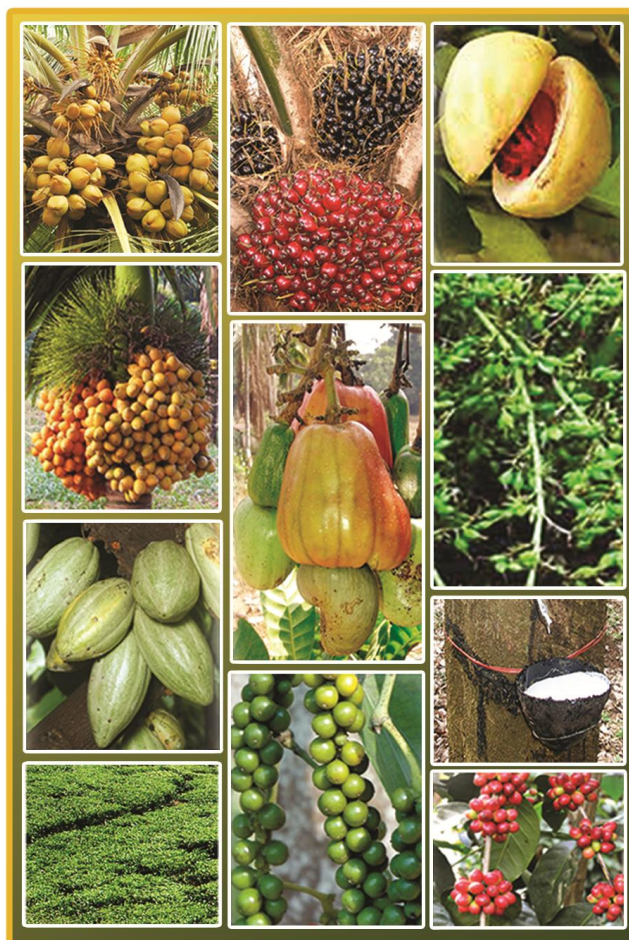


Workshop
on
Breeding Strategies in Plantation crops
at
ICAR-CPCRI Regional Station, Vittal

April 27, 2018



Organised by

भाकृअनुप-केन्द्रीय रोपण फसल अनुसंधान संस्थान
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ICAR-Central Plantation Crops Research Institute
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Background

The plantation crop sector is a major determinant of growth of the agricultural sector in the country. The sector also contributes a significant amount to the foreign exchange and the magnitude of direct and indirect employment provided by the sector makes it vital for overall economic development of our country. Presently, the cumulative area under major plantation crops adds to 41.4 million hectares with a production of about 16.9 million MT and productivity of 4.59 t/ha.

Emerging environmental issues with changing global climatic conditions demand the necessity of sustainable utilisation of available resources for increasing crop production. Considering the rising demand from global population growth and a changing climate scenario, there is an urgent need for plant breeders to work together to improve the selection of parents and offspring in breeding programs, increase the utilization of genetic diversity, to optimize breeding efficiency and accelerate the development of biotic and abiotic stress tolerant, trait specific and climate resilient varieties.

Significant efforts are being made in several countries to develop new molecular resources (utilising NGS technologies) and to explore the genetic basis of complex traits such as yield or resistance to disease. Consequently the availability of large amount of data coupled with bioinformatic tools offers scope for modifying the conventional breeding strategies of plantation crops.

The workshop will provide an opportunity for interaction of researchers, to share experiences and to learn about latest technologies for refining the crop improvement programme and research initiatives in plantation crops

Objectives

- Facilitate interaction among researchers and academicians
- Refine breeding strategies

Programme Content

- Advances in molecular breeding
- Development & characterization of mapping population
- Six decades of arecanut breeding
- Trends in breeding plantation crops

Venue: ICAR-CPCRI, Regional Station, Vittal

This station is located in Bantwal taluk of Dakshina Kannada district, 48 km away from Mangalore on the Mangalore-Vittal-Puttur road. The station has a mandate to carry out research on arecanut and cocoa. The ad-hoc ICAR arecanut committee gave a firm foundation for arecanut research by establishing the Central Arecanut Research Station (CARS) at Vittal in 1956. Consequent to the establishment of the ICAR-CPCRI in 1970, the CARS became the Regional Station of the Institute.

How to reach

Vittal is well connected by road. Nearest railway stations are Kasaragod (50 Km) and Mangalore (36 Km). Nearest airport is Mangalore (48 Km). Travel TA and DA are to be met by the sponsoring organizations

Participants

Academicians, Researchers and Students/Research Scholars

Registration Fees

Faculty / Scientists : Rs. 1000/-

Research Scholars & Students : Rs. 250/-

Boarding and Lodging

Accommodation can be arranged in nearby hotels on payment basis. Limited accommodation is available at Guest House, ICAR-CPCRI Regional Station, Vittal, on first come first serve basis.

How to apply

Applicants are advised to fill the registration form in MS word and send to niral.v@icar.gov.in / rsudhahort@yahoo.co.in

Registration Form

Name & Designation:

Department & Institution:

City & State:

Mobile No. & E-mail ID:

Payment details:

Expected arrival & Departure details:

Accommodation requirements:

Organizing Committee

Chairman

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