



ICAR-Central Plantation Crops Research Institute Kasaragod, Kerala



Kalpa Graduate Readiness Programme for Agri / Horti UG Students

Starting from 17 September 2020

Through Video Conferencing on Every Tuesday and Thursday for 12 weeks
4.00 to 5.00 pm (IST)



Crops Covered: Coconut, Arecanut & Cocoa

Modules

- Genetic Improvement
- Tissue Culture
- Molecular Genetics
- Crop Production
- Cropping System Models
- Organic Farming
- Integrated Farming System
- Beneficial Microbes
- Soil and Water Conservation
- Pests and Diseases
- Biological Control
- Physiology
- Farm- and Processing- Mechanization
- Value Addition
- Extension Approaches
- Production Economics
- Data Collection & Analysis
- Intellectual Properties & Technology Management
- Agri-Business Incubation



Participants will be issued with a certificate of merit

Register @ www.cpcri.gov.in

Link will be sent to the registered e-mail or WhatsApp

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The research and development of plantation crops pose many unique challenges mainly due to the long lifespan of the crops. A plantation is an ecosystem itself and a holistic approach is required while managing pests and diseases. The tall stature of crops often makes it necessary to employ skilled labourers for adopting plant protection measures and also for collecting observation from the crown. The response to cultural practices is not immediate – there can be a lag of up to 3 years in some instances. Further the yield is obtained over a continuum of time which has to be taken into account while compiling data for statistical and economic analysis. How are these issues dealt in the field? What are the new research findings that can be transferred to farmers and other stake holders? How the Institute is linked functionally with other agencies in the plantation sector? This programme is intended to equip the final year agriculture/horticulture graduate students to address confidently the field level problems in plantation sector.

ICAR-CENTRAL PLANTATION CROPS RESEARCH INSTITUTE

ICAR-CPCRI was established in 1970 under Indian Council of Agricultural Research (ICAR). Its headquarters is at Kasaragod - the erstwhile Coconut Research Station established in 1916 by the Presidency of Madras. The Institute had the mandate to undertake research on coconut, arecanut, cocoa, cashew, oil palm and spices at the time of its inception. In a later period research on cashew, oil palm and spices were delinked from CPCRI to form separate Institutes viz., Directorate of Cashew Research, Indian Institute of Oil Palm Research and Indian Institute of Spices Research. At present, ICAR-CPCRI focuses on research in coconut, arecanut and cocoa. The Institute has two regional stations (Kayamkulam in Kerala and Vittal in Karnataka) and three research centers (Mohitnagar in West Bengal, Kahikuchi in Assam and Kidu in Karnataka).

The Institute has provided an inspiring leadership in research and development of technologies contributing to India's emergence as the world leader in the production of coconut and arecanut. The milestone research achievements of CPCRI include discovery of hybrid vigour, light interception and root spread studies (that resulted in the development of cropping system models), development of pests/diseases management, development of protocols for embryo culture and cryopreservation of embryos and pollen, processing protocol for novel coconut products etc. Besides large collection of germplasm, the Institute has seven patents as its intellectual property. Furthering its achievements in development of technologies, the Institute has been successful in taking it to the farmers and other stakeholders through innovative technology transfer initiatives. The Institute has so far commercialized over 40 technologies to 250 entrepreneurs.

