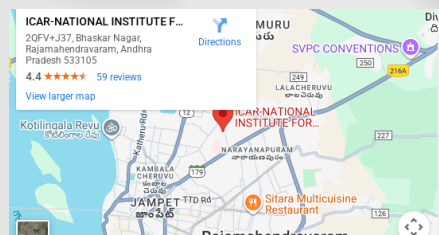


Location



SCAN & PAY



★Important Dates

Last date of registration 24 Nov, 2025

Announcement of final list of participants 30 Nov, 2025

Programme fee may be paid through online transfer

Name of the **Beneficiary**: ICAR NIRCA

Account Number: 10487702171

Name of the **Bank**: State Bank of India

Branch: AP Paper Mill

IFSC Code No: SBIN0001980

UPI: 9848089094@sbi

Programme fee waived for ICAR employees

HRD Training Programme on Phytochemical Analysis Techniques in Commercial crops

Approved by

Indian Council of Agricultural Research
(08-16 December, 2025)

Course Director

Dr. Anindita Paul

Co-course Director

Dr. B. Hema

Division of Post Harvest and Value Addition
ICAR-National Institute for Research on
Commercial Agriculture
Rajahmundry - 533 105



Green Chemistry for Health

<https://nirca.org.in>

made by aninditapaul20@gmail.com

Introduction

ICAR-National Institute for Research on Commercial Agriculture (NIRCA), Rajahmundry announces a ICAR approved HRD training programme on "Phytochemical Analysis Techniques in Commercial crops" from 08-16 December, 2025 at Rajahmundry.

ICAR-NIRCA has been commanding national tobacco research with a broader mandate, including commercial crops such as chilli, turmeric, castor, and ashwagandha. To increase the export potential of these crops meeting the quality standards is a global demand. ICAR-NIRCA has an excellent state of art facility comprising high end analytical instrument and equipments in organic chemistry lab as well as experienced scientific staff to catre training on multidimensional phytochemical analysis. Various analytical methods of pesticide residue as well as phytochemical analysis, such as capsanthin, capsaicin, carotenoids, solanesol etc. have been developed at agricultural chemicals lab and analyzes for different commercial crops.

Objectives

The 7 days long training programme will focus on concepts of new generation green technologies for phytochemicals analysis. Strategies starting from isolation, characterization of molecule of natural origin and their suitable need in nutraceutical industry will also be covered in this training. The training specifically aims at developing skilled human resource to take up research challenges to equip, sensitize and hands on experience with the latest knowledge and competencies necessary in the field of phytochemical analysis.



Course Content



Advances in sustainable green chemistry for extracting phytochemicals from commercial crops



Detection and analysis techniques for bioactive compounds

Programme fee (Includes 18% GST)

No fees for technical employees of ICAR .
Rs. 2360/- per participant for faculty, technical of AUs / DUs /SAUs and Private Institutions. Rs. 5900/- per participant for Industry /Corporate Sector. Boarding and lodging charges/fees are to be paid separately by all trainees as per the approved rate of ICAR-NIRCA. No travel grant will be paid by ICAR-NIRCA

Eligibility and How to apply

The participants should be working as technical staff in the area of organic chemistry/crop protection/ production/ natural resource management/ analytical operations and allied aspects. Maximum intake of participants will be limited to 25 to this training on first come first serve basis. Applicants are advised to fill nomination form. A scanned copy of the same (completed & duly signed) may be sent through email to the course director latest by **24.11.2025**. Formal acceptance mail will be sent to the selected trainees to which they should reply promptly with firm acceptance and travel plans

Contact Us



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Dr. B. Hema

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Post Harvest & Value Addition, ICAR-NIRCA



Div of Post Harvest & Value Addition
ICAR-NIRCA (CTRI), Rajahmundry, Andhra Pradesh



भारत-अनुप-राष्ट्रीय वाणिज्यिक कृषि अनुसंधान संस्थान
ICAR-NATIONAL INSTITUTE FOR RESEARCH ON COMMERCIAL AGRICULTURE

(Formerly ICAR-CTRI)

(An ISO 9001 : 2015 Certified Institute)

Bhaskar Nagar, RAJAHMUNDRY - 533 105, ANDHRA PRADESH, INDIA



APPLICATION FORM

HRD Training Programme on

Phytochemical analysis techniques in commercial crops

Name:.....

Designation:.....

Present employee address:

Address for correspondence:

. Telephone: Mob:..... Office:..... Home:

Fax: Email:.....

Date of birth : Gender:

Education (Highest Degree): Field of Specialization:

Amount paid..... Transaction ID.....

It is certified that all the information furnished by me is true to the best of my knowledge.

Date:

Signature of applicant

Recommendation of forwarding authority with seal: