

ICAR NAHEP Sponsored

Training Programme

on

QA and QC Activities in Pesticide Residue Analysis

January 16-18, 2020



:: ORGANIZED BY::

Centre for Advanced Agricultural Science and Technology
(CAAST): Secondary Agriculture
Directorate of Research
Navsari Agricultural University
Navsari-Gujarat (INDIA)
www.nau.in

:: VENUE::

Food Quality Testing Laboratory
N.M. College of Agriculture
Navsari Agricultural University
Navsari, Gujarat-396 450

NAHEP-CAAST

Centre for Advanced Agricultural Science and Technology (CAAST) is a new initiative and student centric sub-component of World Bank sponsored National Agricultural Higher Education Project (NAHEP) implemented by the Education Division, Indian Council of Agricultural Research in India. The Navsari Agricultural University, Navsari, Gujarat was granted a CAAST project on “Establishment of Secondary Agriculture Unit for Skill development in Students and Farmers”.

BACK GROUND

India's amazing journey from being a food deficient country to a food surplus country is credited to the adoption of “grow more concept based technologies such as improved high yielding varieties, chemical inputs *etc.* along with institutional interventions like price regulation and spread of irrigation facilities. A four time boost was recorded in post green revolution era over pre-green revolution era in food production. The momentum gain in initial phase in agricultural sector could not be maintained in later phase. The slow growth rate in agriculture was aggravated due to depletion and destruction of natural resources and it further declined with the absence of suitable technology, quality, innovativeness *etc.*

Secondary Agriculture is defined as “all practices and process which add value to primary agricultural commodities by using efficient technologies, market information and consumer preference”. The impetus for development of Secondary Agriculture is to fulfill the myriad of food demands of local and global consumers. The increasing awareness of food safety among consumers as well as stringent national and international Sanitary and Phytosanitary Standards has set the alarm bell ringing to the all stakeholders be it be the policy makers or foot soldiers on the ground. Maintaining the quality of food produced either from primary or secondary agriculture is of prime importance. Entry of toxic pesticide residues in food is biggest challenge and hurdle to fetch the substantial returns on the in the investments made by the producers.

As far as pesticide residues are concerned, consumer confidence, food trade decisions and regulatory controls depend heavily on the quality of analyses. Analytical mistakes can be extremely costly in terms of lost trade, destruction of crops, fines for growers, litigation against the analyst, and so on. Analytical Quality Control (AQC) must therefore be rigorous but the challenging nature of the analyses creates conflicting requirements. The cost of residues analysis is generally rather high and AQC requirements can contribute

substantially to costs. Nevertheless, good AQC can avoid expensive and potentially damaging mistakes and boost the confidence of clients.

Hence, CAAST-NAU is organizing a 3 days training programme on “Quality Assurance (QA) and Quality Control (QC) for Pesticide Residue Analysis” at NAU, Navsari during January 16-18, 2020.

OBJECTIVE

Disseminate the knowledge of total quality management in pesticide residue analysis.

COURSE CONTENT

This training will broadly cover diverse topics *viz.*

- National and international regulations and standards for Pesticide Residue Analysis (PRA)
- Importance of method validation criteria, quality control and Quality Assurance activities in PRA

DURATION

This is a 3 days residential training program which includes interactive lectures, hands-on training and demonstrations.

ELIGIBILITY

Postgraduate students from the disciplines of Entomology/ Plant Pathology/ Soil Sci. & Agril. Chemistry/ Biochemistry /Plant Mol. Bio. & Biotech /Plant breeding & Genetics/Agril. Microbiology/Agronomy (Weed Management) of Agriculture faculty of Navsari Agricultural University and students of similar disciplines of others SAUs are eligible for this training. The candidate should have scored at least 60% marks in the degree program. There are 35 seats available in this training which will be distributed as under:

A. Currently enrolled PG students of NAU	:	25
B. Former PG students of NAU and other SAUs	:	10

If seats remain vacant in category A, they would be filled from category B and *vice versa*.

It is mandatory for former students, if employed in public or private sector to submit NOC from their employer at the time of application.

Selected CAAST PG students interested in attending this training have to submit their application directly at the Nodal Cell.

REGISTRATION FEES

This training program is sponsored under the NAHEP-CAAST sub-component and therefore the registration fee stands exempted.

HOW TO APPLY

Interested candidates can register in the training by filling an online form by pasting this link in URL : <https://forms.gle/PsMJkghxhFpkEfPv9>. However, they can also apply through offline by submitting the duly filled and signed Registration Form along with the NOC through post or by hand in a sealed cover. Application for Participation in Training programme on **“Quality Assurance (QA) & Quality Control (QC) activities in Pesticide Residue Analysis”** should be mentioned on the cover. Alternatively, the scanned copy of duly filled application can be mailed at **trainingcaastunit4@gmail.com** .

IMPORTANT DATES

Last date for registration : 14/01/2020

Date for displaying eligibility list : 15/01/2020

ABOUT INSTITUTE

The Navsari Agricultural University campus is located 3 km away to the West of Navsari City. The Campus houses various graduate and post graduate colleges in faculties of Agriculture, Forestry, Veterinary Sci., Horticulture, ABM & Fisheries Sci. NAU has made remarkable growth in its mandatory activities *i.e.* Education, Research and Extension Education and simultaneously also made tremendous growth in infrastructure and Human Resource Development since its inception. The University has a strong research base through its 25 research stations at 15 different location of South Gujarat. Further, Navsari Agricultural University, Navsari bagged 14th position at national level and 1st position in Gujarat state in ICAR Ranking for top agricultural universities in India for the year 2018.

ABOUT NAVSARI

Navsari is a district place in Gujarat and easily approachable by road, rail and air from all major cities of India. It is just 38 km away from Surat, a major industrial corridor connected by road and railways. The 241 miles long Salt March taken up by Mahatma Gandhi in 1930 culminated at Dandi a coastal village, 13 km to the West of Navsari.

BOARDING AND LODGING

Accommodation in campus premises will be made available on request.

ADDRESS FOR CORRESPONDENCE

CAAST Secretariat, Directorate of Research

Navsari Agricultural University, Navsari (Gujarat) - 396 450

ORGANIZERS

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Contact No. : 99982 86581

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“QA and QC Activities in Pesticide Residue Analysis”

January 16-18, 2020

(Online application through link given below)

<https://forms.gle/PsMJkghxhFpkEfPv9>

*Affix Self Attested Recent Passport size Photograph

REGISTRATION FORM

Full Name (In Block letters) _____

Father Name: _____

Date of Birth: / / (DD/MM/YYYY)

Gender: Male/Female

Social Category: (✓) (General / OBC / SC / ST)

Application Category: (✓)

Selected CAAST PG Student

Currently enrolled NAU-PG students

Former PG students of NAU and SAUs

*Educational Qualification (attach proof): _____

*CGPA in Graduation:

*CGPA in Post-Graduation:

Communication Address

Current: _____

City: _____ State: _____

Pin code: _____

Permanent address: _____

City: _____ State: _____ Pincode: _____

Contact No: (Mo.) _____

E-mail: _____

Please indicate your Primary Area of Interest: _____

*Accommodation required: Yes/No _____

Date:

Place:

Signature of the Applicant

Note : Scanned copy of the registration form may be mailed in advance to trainingcaastunit4@gmail.com

*Mandatory field & attach proof