

HOW TO APPLY

The interested participants may send their applications in the prescribed format available enclosed herewith. The participants have to pay the registration fee only through online transfer NEFT or RTGS. The bank account details for NEFT transfer is available in registration form. It may be sent to the apedanrl@gmail.com so as to reach us on or before February 15th 2017.

ADDRESS FOR THE CORRESPONDENCE

Dr. Kaushik Banerjee/ Dr. Ahammed Shabeer TP

National Research Centre for Grapes

P. O. Manjri Farm, Pune 412 307, Maharashtra

Phone: 02026956000/91/92,

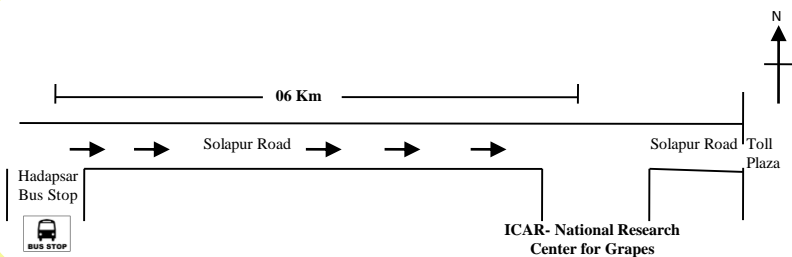
E-mail: apedanrl@gmail.com

HOW TO REACH ICAR-NRCG

From International Airport : 19 km

From Pune Railway Station : 14 km

Nearest Bus Stop : Hadapsar (6 km)



ORGANIZERS

Course Director :

Dr. S. D. Sawant, Director, ICAR-NRCG

Course Coordinator:

Dr. Kaushik Banerjee, Principal Scientist, ICAR-NRCG

Dr. Ahammed Shabeer TP, Scientist, ICAR-NRCG



Five Days National Training Program on

“Analysis of pesticide residue, antibiotics and plant growth regulators in fruits and vegetables”

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20th February -24th February, 2017

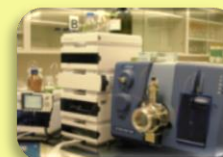
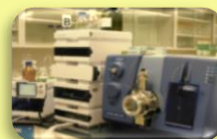
Organized by

*National Referral Laboratory,
ICAR-National Research Centre for Grapes, Pune*



at

**ICAR-National Research Centre for Grapes
Manjri Farm, Pune, 412 307**



NATIONAL REFERRAL LABORATORY

ICAR-NATIONAL RESEARCH CENTER FOR GRAPES

The grape growers of India were among the first to form a cohesive non-political, non-racial and non-religious group for sharing the knowledge and for garnering technical and administrative support for the grape industry in all facets of grape production, processing and marketing. To address the research needs, the future challenges and opportunities, the Indian Council of Agricultural Research approved the establishment of National Research Centre for Grapes on 16 September, 1993. The centre is well known for its role in the residue monitoring plan in exportable table grape in collaboration with APEDA, Ministry of commerce, Govt. of India. The program was initiated to establish a complete traceability through GRAPENET to facilitate export of grapes declaring NRC for Grapes as the National Referral Laboratory (NRL). ICAR has recognized this Centre as NRL for pesticide residues in all fruits and vegetables since 2015-16.

ABOUT TRAINING

India is known as food basket of the world and is recognized as a major producer and exporter of fresh fruits and vegetables. It ranks second in fruits and vegetables production in the world, after China. But, India's share in the global fruits and vegetables market is still < 2 % only, which is mainly because of the various non-compliances to the quality standards of the trade partner countries. At the same time, there is a growing consciousness among the Indian consumers for safe food due to recent implementation of the Food Safety Standards Act at the national level. Organic and inorganic contaminants (Pesticide residues, plant growth regulators, mycotoxins, antibiotics, veterinary drugs, heavy metals) continue to be a major concern for all the stakeholders of the horticulture industry. In order to monitor this food safety issues at national level, qualified analytical personnel for the analysis of these contaminants using high end equipment like GC-MS and LC-MS is inevitable. NRL at ICAR-NRCG is emerged as center of analytical excellence in the field of pesticide residues over a period of time. The present training can be an initiative towards this direction and it targets the food safety issues related to organic contaminants residues in fruits, vegetables and their processed products.

THEME AREAS OF TRAINING

National and international regulations related to contaminant residues analysis in horticultural commodities

Sample preparation for multi-residue analysis of pesticides residues

Preparation and handling of reference standards

Multi-residue Method development by GC-MS/MS and LC-MS/MS

Extraction procedure and analysis of dithiocarbamates by GC-MS

Analysis of Plant Growth regulators by LC-MS/MS

Analysis of antibiotic compounds in fruits

REGISTRATION FEE

Registration Fee (excludes accommodation charges): **15,000/- + 15% Tax before due date**

After due date: 16,000/- + 15% Tax

The participants have to pay the registration fee only through online transfer NEFT or RTGS Account details are given below:

Account Name: ICAR UNIT – NRC FOR GRAPES

Account No.: 111 82 68 0031

Bank Name: State Bank of India, Branch: Hadapsar, Branch Code: 09062

IFSC code: SBIN 0009062, **MICR code:** 411 00 2041

Type of Account: Savings

IMPORTANT DATES

Last date for registration: 15.02.2017

VENUE AND ACCOMODATION

The training program will be held at National Referral Laboratory, ICAR-National Research Centre for Grapes, Pune. **The accommodation facilities and TA/DA will not be provided by the host institute.** We will provide information on different hotels nearby the venue. **Registration fee excludes accommodation and other food charges.**