

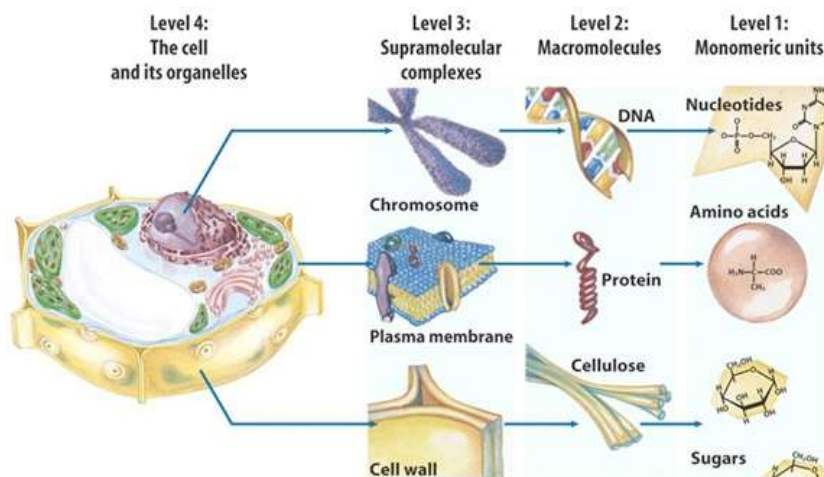
ICAR-sponsored Training under HRD programme (for Scientific Staff)

on

Tools and Techniques for Analysis of Biomolecules (September 05-18, 2017)

Last date for application

5th August, 2017



Course Director

Dr. Shelly Praveen

Course Coordinators

Dr. Archana Sachdev

Dr. T. Vinutha



Division of Biochemistry
ICAR-Indian Agricultural Research Institute
New Delhi-110012



About the Institute

The Indian Agricultural Research Institute (IARI) is the country's premier institution for agricultural research, education and extension. It has been serving the cause of science and society with distinction through basic research, generation of appropriate technologies and development of human resources. Recognizing the importance of biochemical studies in crop research, the Division of Biochemistry was created in 1966 with major emphasis on plant biochemistry, molecular biology and nutrition. Since its inception, the Division has acquired the best research, teaching and training facilities, and take legitimate pride in being recognized as the only Centre of Advanced Faculty Training in Biochemistry in NARS by ICAR ever since 1995.

Introduction and Objectives

Crop production faces many challenges due to changing environmental conditions and evolving needs for new plant-derived materials. Biotic and abiotic stresses along with poor availability of nutrients, deteriorating soil health prevent crops from realizing their full potential. Dissecting the biochemical and molecular changes associated with these stresses is currently one of the major goals of the plant biologists all over the world. However, knowledge of various biochemical techniques for extraction, estimation and characterization of different biomolecules present in different tissues of the plants is of utmost importance in order to decipher these changes. The present training programme has, therefore, been designed with following objectives:

1. To impart knowledge and skill in the field of biochemistry to the scientific staff working in the ICAR institutes and SAUs.
2. To impart hands-on-training to the scientific staff exposing them to the advanced biochemical and molecular biology instrumentation techniques for their efficient use and applications in their respective fields of concern.

The training programme will be conducted in the Division of Biochemistry, ICAR-IARI, New Delhi-110012 and duration of the course would be fourteen (14) days from September 05-18, 2017

Eligibility and Nominations

Scientific personnel working in various ICAR institutes are eligible to apply for this training programme. Young scientists having minimum of two years of experience in the discipline of Biochemistry/Molecular Biology/Plant Biotechnology and allied sciences in agriculture are eligible. The interested candidates can apply in the prescribed format (included in this brochure). The duly filled application form, forwarded through proper channel, should be sent by post to Dr. Archana Sachdev, Principal Scientist & Course Coordinator, Division of Biochemistry, ICAR-IARI, New Delhi on or before August 5, 2017 and a scanned copy of the same may be sent at following E-mail address : trainingatbiochemistryiari@gmail.com . There is a provision for 25 participants and selection would be solely based on the merit. The candidates selected for the training programme will be intimated individually by August 10, 2017 only through E-mail. The selected candidates should bring permission and relieving letter from their respective institutes.

Travel and other arrangements

TA and DA will be borne by the sponsoring institute of the trainee as per the ICAR rules. The participants should make their own transport arrangement to reach to ICAR-IARI. The program is residential and participants would be required to stay in New Delhi. Accommodation can be arranged in the Guest Houses within IARI campus depending upon the availability. (In case of non-availability of accommodation in the institute's guest houses, the candidates would be required to make their own arrangement in the hotels in the vicinity of PUSA campus, New Delhi, in consultation with the Course Coordinator.)

Course content

The training schedule comprises of lectures and practicals from the experts in the respective fields. Following biochemical and molecular aspects would be addressed during the training programme:

- *Protein profiling by 1D/2D Gel electrophoresis method*
- *Expression Analysis of Plant Protein by Immunoblotting,*
- *Estimation of nucleic acids, PCR Amplification*
- *Gene cloning and bacterial transformation,*
- *Real-Time PCR for quantitative expression analysis of gene,*
- *Southern Blot Analysis.*
- *Evaluation of starch quality and resistant starch starch for low glycemic index*
- *Extraction and estimation of vitamins and secondary metabolites*
- *Estimation of antioxidants and assay of antioxidant enzymes*

In addition, visit to various central facilities established in ICAR-IARI such as Phenomics Facility and Phytotron facility etc. would be arranged for the benefit of the trainees.

Application Form

Training Program
on
Tools and Techniques for Analysis of Biomolecules
(September 05-18, 2017)

1. Full Name (in block letters) : _____
2. Designation : _____
3. Present employer & address : _____
4. Corresponding address : _____

5. Telephone No. : _____ /Mobile No. _____ E-mail: _____
6. Permanent address : _____
7. Date of birth & age : _____ 8. Sex: (Male/Female) : _____
9. Marital Status : _____ 10. Academic Qualification: _____
11. Major Area of specialization: _____
12. Professional Experience : _____
13. State how this training is going to be useful to you: _____

Place : _____

Signature of the participant

Date : _____

Recommendation of the forwarding Institution

Date: Signature & seal

Contact Details

Course Director:

Dr. Shelly Praveen
Head, Division of Biochemistry
ICAR-Indian Agricultural Research Institute,
PUSA Campus, New Delhi-12

shellypraveen@hotmail.com

shellypraveen@gmail.com

head_biochem@iari.res.in

Mobile: 9868033132;

Tel (O): 011-25842038

Course Coordinator:

Dr. Archana Sachdev, Principal
Scientist, Division of
Biochemistry, ICAR-IARI, New
Delhi-12

Dr. Vinutha T, Scientist
Division of Biochemistry, ICAR-
IARI, New Delhi-12

arcs_bio@yahoo.com;

vinuthabiochem@gmail.com

Mobile: 9810683014, 9968599250



Inaugural function on September 5, 2017, ADG A.K. Vyas presided as a Chief Guest along with JD (Edn.) Dr. R. K. Jain



Interaction with trainees September 16, 2017



Trainees at session presentation
September 15, 2017



Distribution of Certificates to trainees during valedictory function, September 18, 2017



Training Programme

IDENTIFICATION OF INSECT PESTS/ VECTORS/THEIR DAMAGING SYMPTOMS AND MANAGEMENT

(Nov. 21 - Dec. 04, 2017)



Sponsored by

**Indian Council of Agricultural Research
New Delhi**

Course director

Dr. Chitra Srivastava

**Division of Entomology,
ICAR-Indian Agricultural Research Institute,
Pusa Campus, New Delhi-110012**

Tel. 011-25842482, Fax. 011-25848701

Email: head_ento@iari.res.in; Website: www.iari.res.in

Introduction & Objectives

Identification and management of insect pests is very important in crop production. Many new strategies are brought in an umbrella as Integrated Pest Management (IPM) to manage insect pests, which include biological control, habitat manipulation, modification of cultural practices, use of resistant varieties, insect growth regulators and pesticides as last resort. Hence the training programme on “Identification of Insect Pests/ Vectors/ their Damaging Symptoms and Management” is being organized with following objectives:

1. To impart knowledge about identification of different insect pests and their natural enemies
2. To impart training on mass rearing techniques for different insect pests and natural enemies
3. To impart training on technical knowhow of integrated pest management
4. To impart hands on training on different entomological instruments

Course Content

The training course will mainly focus on the following topics: Insect biodiversity; Identification of insect pest of Field & Horticultural crops, Storage pests and their management; Identification of Termites, Whitefly, White-grubs, Diptera, Leafhopper vectors and their management; Utilization of pheromones in insect pest management; Mass multiplication of hosts for production of natural enemies; Rearing techniques for insects; Toxicology; Spraying equipments, precautions and antidotes. Hand on training on different entomological instruments. Quarantine insect pests. Diagnosis of Phytoplasma & Viral diseases and their management; Thrips, whitefly and virus transmission

Eligibility

The Technical personnel of ICAR institutes and from SAUs / CAUs / ICAR funded KVKs are eligible for participation in this training programme. All the applications must be routed through proper channel. The total number of participants will be strictly restricted to 25. There is no course fee for Technical personnel of ICAR institutes.

However, Technical personnel from SAUs / CAUs / ICAR funded KVKs are required to pay a nominal course fee of ₹2500.00 (Rupees two thousand and five hundred only) in the form of Demand Draft in favor of the Director, ICAR - Indian Agricultural Research Institute, New Delhi 110 012, payable at Syndicate Bank (IFSC code SYNB0009029), Pusa, New Delhi 110 012. The TA/DA will be borne by the host institute of all participants.

Course Duration

The duration of the training course will be 14 days from November, 21 to December 04, 2017 and will be conducted at this division

Venue & Other Details

The program is residential and participants are required to stay in New Delhi. Accommodation will be arranged either in guest house or near by hotels after confirmation for training, for which participants will pay. Candidates should bring permission & relieving letter from the respective institute.

Last Date for nomination

The duly filled nomination form forwarded through proper channel must reach Dr. Chitra Srivastava, Course Director & Head, Division of Entomology, ICAR-IARI, Pusa Campus, New Delhi-110012 on or before November 10, 2017. The nomination form can be sent in advance by downloading from the website: www.iari.res.in. There is provision for 25 participants and the selection would be based on the merit and the first come first basis. Announcement of the final selection will be intimated individually by November 15, 2017 only through email.

How to reach IARI

Indian Agricultural Research Institute popularly known as “Pusa Institute” is located at Pusa Campus in East Patel Nagar about 10 kms from ‘Maharana Pratap-ISBT’, 8 kms west of New Delhi Railway Station, and about 16 kms east of Indira Gandhi International Airport. Pre-paid taxi/ auto can be availed at railway/airport/bus stations to reach at IARI, Pusa Campus, New Delhi.

Contact Details

Dr Chitra Srivastava

Head, Division of Entomology,
ICAR-Indian Agricultural Research Institute,
Pusa Campus, New Delhi-110012
Phone: 011-25842482; Fax: 011-25848701
Mobile: 9868369656
Email: head_ento@iari.res.in

Dr Subhash Chander

Professor, Division of Entomology,
ICAR-Indian Agricultural Research Institute,
Pusa Campus, New Delhi-110012
Mobile: 9868846540
Email: schander@iari.res.in

Dr. Suresh M. Nebapure

Scientist, Division of Entomology,
ICAR-Indian Agricultural Research Institute,
Pusa Campus, New Delhi-110012
Mobile: 8860825394
Email: smnebapure@gmail.com
smnebapure@iari.res.in

APPLICATION FORM

(To be sent directly to the course director)

Identification of Insect Pests/Vectors/Their Damaging Symptoms and Management (Nov. 21- Dec. 04, 2017)

1. Full Name (In block letters): _____

2. Designation: _____

3. Present employer and address: _____

4. Correspondence address: _____

Fax: _____

E-mail: _____

Mobile: _____

5. Date of birth & Age: _____

6. Sex: Male/Female : _____

7. Work experience:years

8. Educational qualifications: _____

Date:

Place:

Signature of the applicant

Recommendation of the Forwarding Authority:

Date:

Signature and Seal:

APPLICATION PROFORMA

Centre of Advanced Faculty Training (CAFT) in Agricultural Economics



CAFT Programme on

Emerging Issues in Markets, Institutions and Resource use planning for Sustainable Agriculture

12th July 2018 – 1st August 2018
(21 Days)

Dr. Amit Kar
CAFT Director & Head

Division of Agricultural Economics
ICAR-Indian Agricultural Research Institute
Pusa Campus, New Delhi – 110 012



Emerging issues in Markets, Institutions and Resource Use Planning for Sustainable Agriculture

(12th July 2018 – 1st August 2018)

Online application available at <http://iasri.res.in/cbp/>

1. Full name (in block letters):.....
2. Designation :.....
3. Date of Birth:...../...../.....
4. Sex: Male Female
5. Present employer & address:.....
.....PIN.....
6. Correspondence Address:.....
.....PIN.....
Phone Nos. Off. /Res./ Mobile:
...../...../.....
E-Mail:.....
7. Academic qualification with discipline :
M.Sc. / Ph.D
Discipline:.....
8. Professional Experience (Years):
9. a) Paper published in journals(Nos.):
.....
b) Title of the project associated with:
.....
.....
10. Mention if you have participated in: Summer/ Winter School/ Training Course
under ICAR/other organization:
11. Signature of the applicant:
12. Signature and address of the forwarding authority:.....
.....

About the Division

The ICAR-Indian Agricultural Research Institute (IARI) is the country's premier institution for agricultural research, education and extension. The Division of Agricultural Economics, a constituent of School of Social Sciences of IARI, was established in 1960. The mandate of the Division is to conduct research in frontier areas and serve as a centre for academic excellence in post-graduate education. Since its inception, the Division has been making contributions in basic and applied research with significant implications for agricultural policy. Since 1995, it is functioning as an ICAR Centre of Advanced Studies in Agricultural Economics with capacity strengthening for agricultural economics and policy research in the National Agricultural Research System.

Training Program

Current global economy focuses more on sustainable agriculture particularly due to changes in climatic conditions. The markets and institutions have greater role in framing sustainable agriculture not only for increasing farmers' income but also for managing the resources for future. The training will focus on emerging issues in agriculture and institutional arrangements associated with it particularly focusing on agricultural marketing and techniques for policy analysis. The Division of Agricultural Economics, under the auspices of CAFT, organizes training programs every year. So far 31 training programs, covering a wide array of topics under economics, econometrics and advances in agricultural policy research have been conducted. This year the Division is going to conduct a 21 days' training program on the topic **“Emerging issues in Markets, institutions and resource use planning for sustainable agriculture”** from 12th July 2018 to 1st August 2018.

Participants' Eligibility

Faculty and researchers in Agricultural Economics/ Dairy Economics/Agricultural Extension/Agricultural Statistics and related disciplines of social sciences of SAUs, ICAR Institutes and other public institutions engaged in agricultural research are eligible to apply for the training program. The candidate must possess a masters' degree in the relevant disciplines and should be working not below the rank of a scientist or assistant professor. Preference will be given to the candidates working in the area related to the topic of training and having basic knowledge of computers. Around 25 participants will be selected.

Methodology

The training program will include lectures from specialists, computer-oriented problem-solving sessions and case studies. There will be balanced emphasis on the theory and application. The participants are advised to bring laptop and relevant data to learn technology/policy analysis for their specific case studies.

Application for the Program

Candidates desirous of participating in the course and fulfilling the eligibility conditions shall apply through proper channel in the given proforma. The participants should submit their application through online using CBP vortal (<http://iasri.res.in/cbp/> or under the link Capacity Building Program at <http://icar.org.in>). After filling the online application, the candidate should take the print out and get it approved by the competent authority of the organization. Upload the scanned copy of application through CBP vortal. The last date for uploading of complete application (through proper channel) at CB vortal is **10th June 2018**. Selected candidates will be informed by within a week of last date of application through email. The candidates are eligible for T.A. only for travelling by train to the **maximum of AC II tier** (AC III tier for Rajdhani/Duronto train) fare by the shortest route. If any candidates wish to travel by air (only Airindia), tickets must be booked only in Airindia official website or through ICAR authorized travel agents (Ashok Travels and Tour/Balmer Lawrie Tours and Travels), however, the TA will be restricted to train fare mentioned above. No TA will be admissible for travelling in private airlines. Participants are required to produce tickets in support of their claim. CAFT will bear lodging and boarding expenses of all the participants as per ICAR rules.

For further information please contact

CAFT Director :Dr. Amit Kar (head_eco@iari.res.in)
Course Coordinator :Dr Venkatesh P(venkatesh1998@gmail.com)
Course Co-Coordinators :Dr Satish Gowda.C.S.(cssg86@gmail.com)
Dr M.Balasubramanian(bala.sbrmn@gmail.com)
Dr Renjini V R (renjini@iari.res.in)

Tel (O): +91-11-25847501, 25842951 ; Fax: +91-11-25847501, 25846420

Venue

Division of Agricultural Extension,
ICAR - Indian Agricultural Research
Institute, New Delhi – 110 012

Last date for receipt of nominations

August 01, 2018

Confirm through e-mail/ Telephone

Important Numbers/e-mail:

Dr. Premlata Singh,
CAFT and Course Director

011-25846434

head_exten@iari.res.in

Course Co-ordinator

Dr. V. Sangeetha, + 91- 9968012074

sangeeq@gmail.com

Mr. Ramesh Chandra

(Logistics): +91- 996848008 (M)

Delhi weather during September

The average maximum and minimum temperatures in Delhi during September is around 34 and 22 degree centigrade respectively. During this month rain is not expected in Delhi. The relative humidity typically ranges from 34% (comfortable) to 64% (Average) over the course of a September month. So, the weather will be pleasant and soothing.

About the IARI

The ICAR- Indian Agricultural Research Institute (IARI) is country's premier institute for research and higher education in agricultural sciences. The institute conducts basic and strategic research, serves as a centre for academic excellence and provides national leadership in agricultural research and extension. ICAR- IARI, also known as Pusa Institute, is a self-contained sylvan complex spread over an area of 500 hectares (1250 acres). It is located at about 12 km west of Delhi railway station, about 8 km west of New Delhi railway station and 16 km east of IGI Airport. It is about 7 km west of Krishi Bhavan, the ICAR Headquarters and next to Rajendra Place metro station. It is advised that participants avail prepaid taxis/ auto rickshaws available at railway stations.

About the Division

The Division of Agricultural Extension came into being as an independent full fledged division in the year 1960. The Division has provided leadership in diverse areas of teaching, research, training and extension to Agricultural Universities and other ICAR Institutes of the country. The Division comprises of 16 scientists, well equipped computer lab, high speed broad band internet connectivity, library, smart classroom and training hall.



CAFT Training Programme on

“Extension Led Nutritional Security”

ICAR
Sponsored

(September 04-24, 2018)

CAFT & Course Director
Dr. Premlata Singh

Course Coordinators
Dr. V. Sangeetha
Dr. Satyapriya
Dr. Sukanya Barua
Mr. Sitaram

Centre of Advanced Faculty Training
Division of Agricultural Extension
ICAR - Indian Agricultural Research Institute
New Delhi – 110 012

About the Course

“After green revolution, it is time to focus on Nutri revolution”. The self-sufficiency in food production has not translated into nutritional security, indicating missing link between agriculture production and nutritional security. Hence, there is an imminent need for understanding the pathways between agriculture and nutrition. Considering the importance of nutritional security, UN has declared 2016-2025 as the decade of action on nutrition. According to FAO (2017), Agricultural Extension Advisory Services can play a role in promoting nutritional outcomes and in enhancing sustainable food systems that promote healthy diets. They also advocate ‘Nutrition Sensitive Agriculture. We need to focus on the nexus between Agriculture, Nutrition, Gender and Extension. Agri-Nutri Education, Extension, and Communication has become very critical. There is certainly need to leverage agri-food systems for nutritional outcome. We need to synchronize transitioning of food production with food consumption. There is a need to look into and learn, the kind of interventions available in agriculture, policy issues and programmes to address malnutrition problems. Hence, considering the importance of nutritional security, this training program is basically designed to understand the Extension Approaches and Strategies in the context of Nutrition sensitive Agriculture in order to establish “Extension led Nutritional

Objectives

- To sensitize scientists and extension workers about role of Extension in Nutrition sensitive Agriculture.
- To create an understanding of the Agri-Nutri linkages and appropriate strategies for extension led nutritional security.

Master's Degree in Agriculture and allied disciplines with working knowledge of computers. Working not below the rank of Assistant Professor and equivalent in the concerned subject under Agricultural University/I.C.A.R. Institute

Practical, participatory training style will be followed with major emphasis on group exercises, experiential learning and case studies.

The course will be conducted under the direction of Dr. Premlata Singh, Head and School Coordinator, Social Sciences and will be coordinated by Dr. V. Sangeetha, Scientist, Dr. Satyapriya, Principal Scientist, Dr. Sukanya Barua, Scientist, Mr. Sitaram Scientist, and Faculty of the Division, experts from ICAR, Universities, NGOs and other relevant organizations will be the resource persons in the training programme. Mr Ramesh Chandra, ACTO will assist in boarding, lodging and will look after overall logistics.

Date and Duration

The duration of the CAFT course will be of 21 days (from Sep.04- 24, 2018). The trainees are expected to arrive not after 21:00 hrs. on Sep. 04 and leave not before 17:00 hrs. on Sep. 24, 2018.

Boarding and lodging

The lodging, boarding and travel expenses of the selected participants will be borne under training programme budget. The travel expenses will be restricted to a maximum of AC-II tier of train and will be based on the criterion of pay scales of the participants.

How to Apply

The participants’ applications will be received online (ICAR mandate) using CBP portal through <http://iasri.res.in/cbp> or under the link Capacity Building Program at <http://icar.org.in>.

After filing the online application, take a print out of the application and get it approved by the competent authority of your institute and upload the scanned copy of the application through CBP portal on or before **01.08.2018**. A list of selected participants will be uploaded/ displayed in the portal and they will also be individually informed via e-mail.

The participants may send an advance copy of the application to **Dr. V. Sangeetha**, Course Coordinator.

APPLICATION PROFORMA

Analytical Approaches on Doubling Farmers' Income

1st October 2019 – 21st October 2019

Online application available at <http://iasri.res.in/cbp/>

1. Full name (in block letters):.....
2. Designation :.....
3. Date of Birth:...../...../.....
4. Sex: Male Female
5. Present employer & address:.....
.....PIN.....
6. Correspondence Address:.....
.....PIN.....
Phone Nos. Off. /Res./ Mobile:
...../...../.....
E-Mail:.....
7. Academic qualification with discipline :
M.Sc. / Ph.D
Discipline:.....
8. Professional Experience (Years):
9. a) Paper published in journals(Nos.):
.....
b) Title of the project associated with:
.....
.....
10. Mention if you have participated in: Summer/ Winter School/ Training Course
under ICAR/other organization:
11. Signature of the applicant:
12. Signature and address of the forwarding authority:.....
.....

Centre of Advanced Faculty Training in Agricultural Economics



CAFT Programme on

Analytical Approaches on Doubling Farmers' Income

1st October 2019 – 21st October 2019

(21 Days)

Dr. Amit Kar

CAFT Director & Head

**Division of Agricultural Economics
ICAR-Indian Agricultural Research Institute
Pusa Campus, New Delhi – 110 012**



About the Division

The ICAR-Indian Agricultural Research Institute (IARI) is the country's premier institution for agricultural research, education and extension. The Division of Agricultural Economics, a constituent of School of Social Sciences of IARI, was established in 1960. The mandate of the Division is to conduct research in frontier areas and serve as a centre for academic excellence in post-graduate education. Since its inception, the Division has been making contributions in basic and applied research with significant implications for agricultural policy. Since 1995, it is functioning as an ICAR Centre of Advanced Studies in Agricultural Economics with capacity strengthening for agricultural economics and policy research in the National Agricultural Research System.

Training Program

The Division of Agricultural Economics, under the auspices of CAFT, organizes training programs every year. So far 32 training programs, covering a wide array of topics under economics, econometrics and advances in agricultural policy research have been conducted. This year the Division is going to conduct a 21 days' training program on the topic Analytical Approaches on Doubling Farmers' Income from 1st to 21st October 2019. Government of India has expressed its desire to double the farmers' income. The average annual income of agricultural households from all components of income (cultivation, livestock, non-farm business, and wages and salaries) was Rs. 70,118 (Real terms) in 2012-13 as per the NSSO 70th Round unit level data (Situation Assessment Survey of Agricultural Households). The targeted period to double the farmers' income in real terms has been fixed as seven years i.e. from 2015 to 2022. Hence, considering the past trend, it will require a minimum annual growth rate of 10.4%. In this context, it is topical to have a training programme on Analytical approaches on doubling farmers' income. The training will focus on various analytical approaches on doubling the farmers' income along with quantification of their impact.

Participants' Eligibility

Faculty and researchers in Agricultural Economics/ Dairy Economics/Agricultural Extension/Agricultural Statistics and related disciplines of social sciences of SAUs, ICAR Institutes and other public institutions engaged in agricultural research are eligible to apply for the training program. The candidate must possess a masters' degree in the relevant disciplines and should be working not below the rank of a scientist or assistant professor. Preference will be given to the candidates working in the area related to the topic of training and having basic knowledge of computers. Around 25 participants will be selected.

Methodology

The training program will include lectures from specialists, computer-oriented problem-solving sessions and case studies. There will be balanced emphasis on the theory and application. The participants are advised to bring laptop and relevant data to learn technology/policy analysis for their specific case studies.

Application for the Program

Candidates desirous of participating in the course and fulfilling the eligibility conditions shall apply through proper channel in the given proforma. The participants should submit their application through online using CBP vortal (<http://iasri.res.in/cbp/> or under the link Capacity Building Program at <http://icar.org.in>). After filling the online application, the candidate should take the print out and get it approved by the competent authority of the organization. Upload the scanned copy of application through CBP vortal. The last date for uploading of complete application (through proper channel) at CBP vortal is **20th August 2019**. Selected candidates will be informed by within a week of last date of application through email. The candidates are eligible for T.A. only for travelling by mail/express train to the maximum of AC II tier, Rajdhani/Duronto train to the maximum of AC III tier and for Vande Bharat/Shatabdi train to the maximum of AC chair car fare by the shortest route. If any candidates wish to travel by air (**only Air india**), tickets must be booked only in Airindia official website or through ICAR authorized travel agents (Ashok Travels and Tour/ Balmer Lawrie Tours and Travels), however, the TA will be restricted to train fare mentioned above. No TA will be admissible for travelling in private airlines. Participants are required to produce tickets and boarding pass in support of their claim. CAFT will bear lodging and boarding expenses of all the participants as per ICAR rules.

For further information please contact

CAFT Director :Dr. Amit Kar (head_eco@iari.res.in)

Course Coordinator :Dr. Pramod Kumar (pramod.iari@gmail.com)

Course Co-Coordinators :

Dr. P. Venkatesh (venkatesh1998@gmail.com) M:9953201971

Dr. P. Anbukkani (anbueconomic@gmail.com) M:7838243369

Dr. C. S. Sathish Gowda (cssg86@gmail.com) M:9540083870

Tel (O): +91-11-25847501, 25842951 ; Fax: +91-11-25847501, 25846420



NAHEP



Online Training on Life Skills and Personality Development September 21-25, 2020

No Registration Fees

The project entitled "Center for Advanced Agricultural Science and Technology (CAAST)" is being implemented in ICAR-Indian Agricultural Research Institute, New Delhi under World Bank Sponsored National Agricultural Higher Education Project (NAHEP) of Indian Council of Agricultural Research (ICAR), New Delhi, Government of India, since 2018 .

One of the major objectives of CAAST project is to provide a platform to the **M.Sc. and Ph.D. students** from different disciplines to undergo several relevant trainings from Institutes of International repute by organizing lectures and training programs for the student and faculty of NARES.

Background

Life skills are indispensable for every individual to sustain and grow in their workplace and personal life. For successful, satisfying career, researchers and academicians needs life skills besides technical skills. These life skills, include real life problem solving, teamwork, communication skills, time management, stress and conflict management, mannerism, balancing absorption and assertiveness, co-leadership, organizational change adaptation etc.

Since students have to achieve their goals, by striking an ideal balance amongst studies, extracurricular and sports activities, therefore, it is necessary to enhance their personality and life skills. With this view, online training course on "Life Skills and Personality Development" is being organized by ICAR-IARI under NAHEP-CAAST from September 21-25, 2020 through online mode.



Who Can Apply

All students of ICAR-IARI, New Delhi, SAUs, CAUs, DUs, Central Universities with Agriculture Faculty, pursuing M.Sc./M.Tech/Ph.D. are eligible to register and requested to take advantage of the online training course during this lock down time.

[Click Here to Register](#)



General Objective

To develop Life skills enhancement amongst the participants for enhancing their personal and professional effectiveness.

Specific Objectives

- ❖ To develop Life Skills for effective professional and personal life management.
- ❖ To polish overall personality traits which contribute towards success
- ❖ To improve critical thinking, interpersonal skills and presentation skills.
- ❖ To re-energize Achievement Motivation among students.

Instructions

- ❖ Participants need to register by clicking on the registration link <https://forms.gle/9iZyTR9LryNsDgC59> on or before 15 September, 2020 (17: 00 h) and should provide an active Email id and WhatsApp number for further communication.
- ❖ The number of participants will be limited to 80 candidates (20 candidates from ICAR-IARI, New Delhi and 60 candidates from other Agricultural Universities/Organizations).
- ❖ Daily two expert lectures followed by group presentation through ZOOM platform along with online discussions will be conducted.
- ❖ List of selected participants will be displayed on 18 September 2020 at nahep-caast.iari.res.in
- ❖ Certificates will be provided to the candidates based on the attendance and completion of the assignments. The training sessions will also be live streamed through YouTube.
- ❖ Performance of the group presentations by participants will be monitored and evaluated; and best presentation certificates will be awarded.

Instructions to the candidates

- ❖ The WhatsApp group of the selected candidates will be formed at least one day before the start of the training programme and all the communications regarding the training programme will be posted on this WhatsApp group.
- ❖ Alternatively, the candidates can keep accessing the IARI, New Delhi website (www.iari.res.in) regarding the selection, preferably on the day before the start of the training programme.



Convenor

Dr. Premlata Singh
Head
Agricultural Extension
ICAR-IARI New Delhi

Co-Convenor

Dr. Alka Singh
Head
Agricultural Economics
ICAR-IARI New Delhi

Dr. R. N. Padaria
Professor
Agricultural Extension
ICAR-IARI New Delhi

Training Coordinators

Dr. R. R. Burman
Principal Scientist
Agricultural Extension
ICAR-IARI New Delhi
Email: rajarshi.burman@icar.gov.in

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"The pessimist complains about the wind. The optimist expects it to change. The leader adjusts the sails."

Organized by

National Agricultural Higher Education Project (NAHEP)-Center for Advanced
Agricultural Science and Technology (CAAST)
ICAR-Indian Agricultural Research Institute
New Delhi-110012, www.iari.res.in



Online Training on

Life Skill Enhancement and Personality Development

November 16-20, 2021

Background

Life Skills are indispensable for every individual to sustain and grow in their workplace as well as personal life. Studies have shown that for a successful career and life, professionals especially **researchers and academicians, strongly need Life skills besides technical ones. These life skills, include real-life problem-solving skills, teamwork skills, communication skills, time management, conflict management, etc. Researches has proven that life skills and overall personality traits contribute significantly towards success besides subject matter knowledge and therefore, they are highly valued and** are in demand nowadays. Personality with core life skills not only directs behavior toward specific goals but also enhances our efforts, persistence, cognition which ultimately enhance our overall performance. As technical staff have to achieve excellence through own competence and teamwork, enhancing their personality and life skills is necessary. With this view, a training course on “Life Skill Enhancement and Personality Development” is being organized for technical staff by ICAR-IARI under NAHEP-CAAST from November 16-20, 2021 through online mode.

General Objective

To develop Life skills and Personality among the participants for improving their professional efficiency

Specific Objectives

1. To develop Life Skills for effective professional and personal life management
2. To refurbish overall personality traits which contribute towards success
3. To improve critical thinking, interpersonal skills and presentation skills
4. To reinvigorate Achievement Motivation among technical staff



Participants

The online training course is being organized for Technical Staff of all ICAR Institutes.

Instructions

1. Participants need to register by clicking on the registration link <https://forms.gle/pKuf4x1fNVwmRJMa6> on or before 31 October, 2021 (17:00 hrs) and should provide an active email id and WhatsApp number for further communication.
2. The online training will be available to the selected registered eligible candidates.
3. Daily two expert lectures in the forenoon followed by practical session in the afternoon through ZOOM platform will be conducted.
4. List of selected participants will be displayed on 10 November 2021 at www.iari.res.in
5. Participation certificates will be issued to those participants who will complete all online sessions.

Communication about the Selection

The WhatsApp group of the selected candidates will be formed at least one day before the start of the training programme and all the communications regarding the training programme will be posted on this WhatsApp group. Alternatively, the candidates can keep accessing the IARI New Delhi website (www.iari.res.in) regarding the selection, preferably on the day before the start of the training programme.

Convenor

Dr. R. N. Padaria

Head & Professor
Division of Agricultural Extension
ICAR-IARI New Delhi

Training Coordinators

Dr. R. Roy Burman

Principal Scientist
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ICAR-IARI New Delhi
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Organized by

Division of Agricultural Extension
ICAR-Indian Agricultural Research Institute
New Delhi – 110 012
www.iari.res.in

BRIEF REPORT
International webinar
on
CAPACITY BUILDING ON SEED PRODUCTION
(January 12 – 14, 2021)



Indo-German Cooperation on Seed Sector Development

Northern Zone (Crops: Mustard, Wheat and Barley)

Sponsored by:

Ministry of Agriculture & Farmers Welfare, GoI

Organized by

ICAR-Indian Agricultural Research Institute

Regional Station, Karnal (Haryana) – INDIA

INTRODUCTION:

In the frame of the project entitled “Indo-German Cooperation on Seed Sector Development”, it was agreed to implement an extensive capacity building programme in the years 2021 and 2022 on the following five areas in three agro-climatic zones of India to improve seed quality (train the trainers of selected seed states in India):

- i. Capacity building on Seed Production
- ii. Post-harvest Technologies for Better Seed Quality
- iii. Capacity building on Seed Quality Enhancement
- iv. Capacity building on Seed Testing according ISTA standards
- v. Capacity building on OECD Seed Certification

The identified agro-climatic zones are as under:

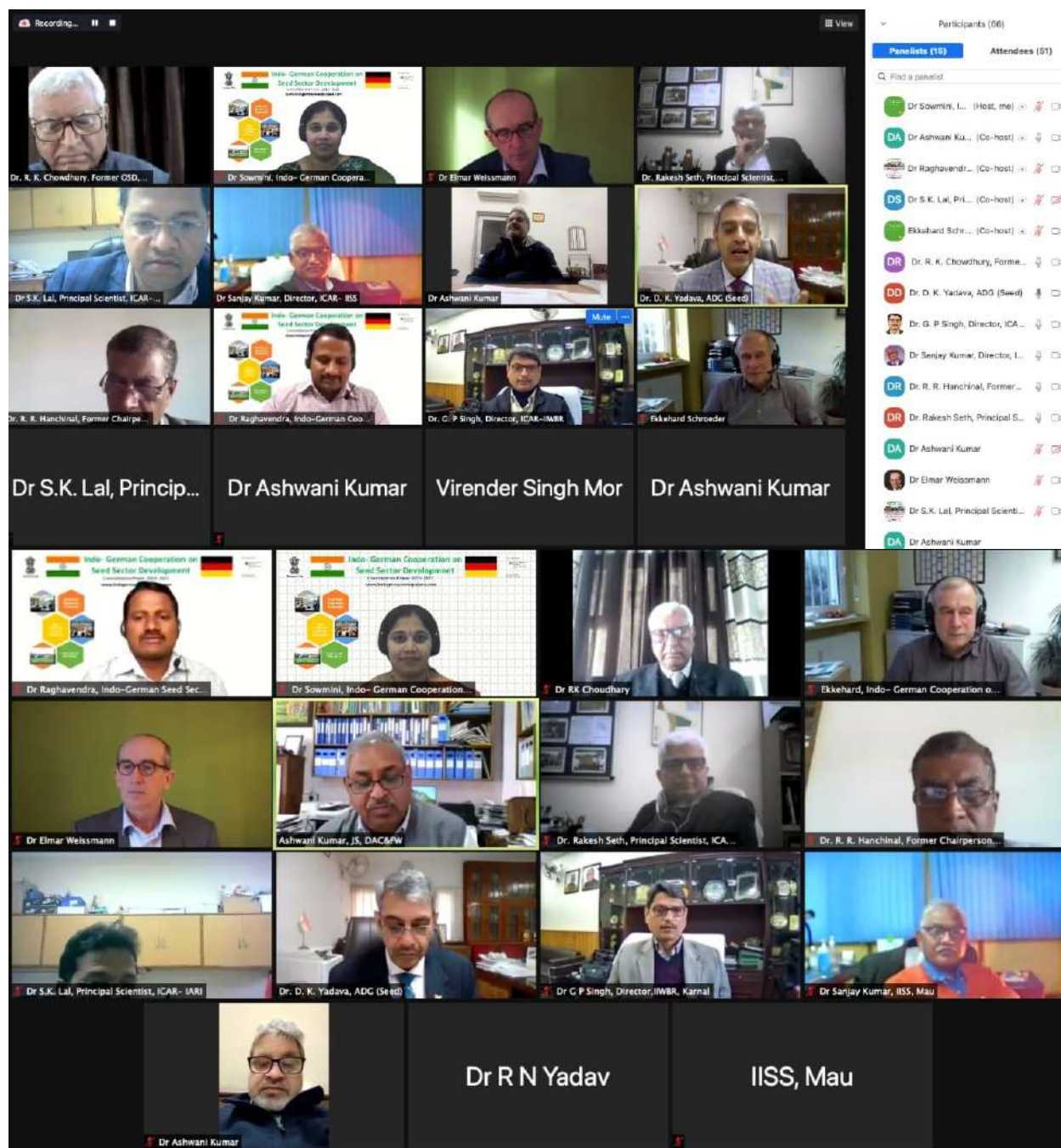
- i. Northern Zone: (Rajasthan, Punjab, Haryana and Uttarakhand)
- ii. Eastern Zone: (Odisha, Bihar, Chhattisgarh and Eastern Uttar Pradesh)
- iii. Southern Zone: (Telangana, Karnataka, Andhra Pradesh and Tamil Nadu)

In accordance to the regional priorities of seed production, the most important seed crops have been selected for the capacity building programs in each zone accordingly to improve the quality of seed being produced as per the OECD norms and make India a seed exporting country. The capacity building programme will be implemented by a team of well experienced national and international trainers from public and private sector. The international trainers will be provided by the German consortium in charged with conducting this project (ADT Project Consulting GmbH / BDP) as international short-term experts. In addition, some of the national trainers who are not employed by the public institutions in India can be contracted by the German consortium in charged with conducting this project (ADT Project Consulting GmbH / BDP) as national short-term experts. In this series, the first training programme i.e. “**Capacity building on Seed Production**” was organized in online mode during January 12-14, 2021 for the Officials of State Department of Agriculture, National Seed Corporation, State Seed Corporation, Private Seed Industry associations (NSAI & FSII), ICAR institutes, SAU's etc. covering Northern Zone, (Wheat, Barley and Mustard).

The following lectures were delivered by international and national experts during this training programme:

- i. Indian seed industry: Current trends and future perspectives
- ii. Overview in Seed Production System in Germany/ EU with focus on Wheat & Barley
- iii. National seed system and policy implementation in India
- iv. Latest Trends in Seed Production of Wheat & Barley in Germany/ EU
- v. Seed production and supply systems in India
- vi. General principles and practices of seed production
- vii. Maintenance of Varieties and Seed Production of Wheat and Barley
- viii. Hybrid seed production methodologies of Wheat and Barley
- ix. Maintenance of Varieties and Seed Production in Mustard
- x. Hybrid seed production methodologies of Mustard
- xi. Regulatory framework for seed quality assurance in India
- xii. Interaction with Seed Certification Officer, HSSCA

After every lecture, the knowledge level of participants was assessed through a questionnaire based on the presentation by the resource person. The lecture sessions were followed by discussion, including Q & A session to address the queries of the participants. The training programme was attended by 86 participants across the states of Rajasthan, Haryana, Punjab, J & K and Uttarakhand. On the successful completion of training programme, the participants were provided with E-certificates.



APPLICATION FORM

17th ADVANCED LEVEL TRAINING IN SOIL TESTING,
PLANT ANALYSIS AND WATER QUALITY

ASSESSMENT

(07-27 December 2021)

Name of the candidate.....
.....(in block letters)

Designation.....

Age (yrs).....

Mailing address (with PIN Code).....
.....

Tel. No. (with STD Code) office.....

Residence.....

Mobile.....

E-mail.....Fax.....

Educational qualification.....
.....

Experience: Laboratory yrs;

Field..... yrs

Nature of present job.....

Signature of the Applicant with date

Declaration by the Sponsoring Authority

This is to certify that the information furnished above is correct. If the candidate is selected and intimated accordingly, the requisite fee will be paid by the due date and he/she will be relieved to participate in the said training at ICAR-IARI, New Delhi.

Signature of the Sponsoring Authority
with seal

Dated.....

For further details, please contact:

Course Director

Dr. Mahesh C. Meena

Incharge and Course Coordinator
Central Laboratory for Soil and Plant Analysis
Division of Soil Science and Agricultural Chemistry
ICAR-Indian Agricultural Research Institute, New
Delhi-110012
Phone: 011-25843588 Ext. No. 4332; (M)
09953287622

Email:
soilhealth.ssac04@gmail.com

Course Coordinators

Dr. Abir Dey

Scientist and Course Coordinator
Division of Soil Science and Agricultural Chemistry
ICAR-Indian Agricultural Research Institute, New
Delhi-110012
(M) 09013025469
Email: abird21@gmail.com



17th Advanced Level Training in Soil Testing, Plant Analysis and Water Quality Assessment

(07-27 December 2021)



Organized by:



**Division of Soil Science and Agricultural Chemistry
ICAR-Indian Agricultural Research Institute
New Delhi - 110 012**

This Brochure is also available at
IARI website (<http://www.iari.res.in>)

INTRODUCTION

The Indian Agricultural Research Institute (IARI), a premier organization of the Indian Council of Agricultural Research, is a seat of great scientific achievements and an excellent centre of learning. The Division of Soil Science and Agricultural Chemistry is one of its oldest disciplines with high level of faculty expertise. In fact the soil testing service in India began in 1955-56 with the soil testing laboratory of this Division as the hub to coordinate with all the other soil testing laboratories in the country. At present, this laboratory is well known among research and extension agencies, and farmers for its advanced facilities, high quality of soil/plant/manure/irrigation water analysis and an efficient advisory service. So far, more than 50 short course training programmes in soil testing have been organized successfully in the Division for Indian and foreign nationals.

Based on the long experience in human resource development and in view of the fast-changing scenario of soil, plant, water analysis and instrumental methods and their applications, the Division initiated in 2004 an advanced level training programme with desired emphasis on practical exercises and theoretical background of the subject suiting a wide range of applications. So far, sixteen advanced level courses have been organized successfully.

OBJECTIVES

The 17th Advanced Level Training will be conducted with the major objective of improving awareness and skills of the participants in modern techniques of analysis of soil, water and plant for research and extension activities in agriculture and allied fields, use of instruments and their general upkeep/maintenance, interpretation of analytical data and

formulation of reports/recommendations. The course is designed to cover soil characteristics, testing techniques and methods of interpretation of data, so as to make it more useful in the context of global competition in quality and precision of analysis for agricultural export market.

ABOUT THE COURSE

The training course is meant for all those working (or likely to work) in soil testing/analytical laboratories taking up soil, plant and water analysis. The course will cover some theory lectures on topics most relevant to the subject along with a proportionate number of practical exercises with greater emphasis on analytical techniques adopting a learning-by-doing type of approach. Interpretation of test results and formulation of recommendations and/or reports will be a vital component. A few study tours, field visits and group discussions will be an essential feature of the course. In the end, the participants will be required to undergo a performance evaluation test followed by discussion, prior to the award of certificates.

DURATION

The duration of this training course is 3 weeks *i.e* **07-27 December, 2021.**

ELIGIBILITY & SELECTION CRITERIA

Candidates possessing post graduate degree in Science/Agriculture or B.Sc./ B.Sc.(Ag.) with experience in relevant field are eligible for nomination to the course. Candidates sponsored by Govt./Semi-Govt. organizations, fertilizer industry, cooperatives, NGOs, ICAR institutes etc. will be given preference. Private entrepreneurs fulfilling eligibility requirements can also apply. The applications/nominations will be scrutinized and formal admission letters will be issued

to the selected candidates. Boarding and lodging arrangements will be made for the participants by the organizers. However, the TA/DA of the admitted candidates has to be borne by their sponsoring organizations, and IARI will have no liability on this account.

IMPORTANT DATES

- Last date for receipt of applications at IARI: **October 31, 2021**
- Release of admission letters: **November 01, 2021**
- Last date for receipt of fee: **November 25, 2021**
- Commencement of the training course: **December 07, 2021**

FINANCIAL LIABILITY

A consolidated fee of **Rs. 42,500/-** (Rupees forty two thousand and five hundred only) is to be paid by each admitted candidate through Demand Draft in favour of **Director, IARI, New Delhi**, drawn on any bank in **Delhi/New Delhi**. The fee covers course fee, and expenses on boarding, lodging, local transport, study tours, training & registration material, stationery etc. The fee has to be sent by the candidate only on receipt of Admission Letter, and not with the application.

HOW TO APPLY?

The application as per the given format, complete in all respects and duly signed by the sponsoring authority, should be sent to **Dr. Mahesh C. Meena Course Director, Division of Soil Science and Agricultural Chemistry, ICAR-Indian Agricultural Research Institute, New Delhi-110012**, via Registered Mail/Courier/E-mail, so as to reach him latest by **October 31, 2021**. The Application Form

17th Advanced Level Training in Soil Testing, Plant Analysis and Water Quality Assessment

(07-27 December 2021)



Sitting L to R : Kapil A Chobhe, Abir Dey, TJ Purakayastha, Nayan Ahmed, SP Datta, RN Pandey, MC Meena, MA Khan, Debashis Chakraborty.

Standing 1st Row : Sunanda Biswas, Ankita Trivedi, Ruma Das, Deepak Kumar, WS Dahiya, Md Gheyasuddin, Shivesh Kumar, GR Mali, DK Barnwal, Babuchand Singh
Diksha Shukla, Anu Kumari, Kunal Singh, MB Patel, Ravindra Sachan, Prinsu Singh, Amit Kumar, Suresh Sharma, Prasenjit Ray, Indu Chopra, Debarup Das.

Standing 2nd Row : Shrila Das, Subodh Kumar Das, Durga Ranjan, RK Chandrawanshi, Nayeem Nomani, Kushal Sachan.

APPLICATION FORM

18th ADVANCED LEVEL TRAINING IN SOIL TESTING,
PLANT ANALYSIS AND WATER QUALITY

ASSESSMENT

(05-25 January 2022)

Name of the candidate.....
.....(in block letters)

Designation.....

Age (yrs).....

Mailing address (with PIN Code).....
.....

Tel. No. (with STD Code) office.....

Residence.....

Mobile.....

E-mail..... Fax.....

Educational qualification.....
.....

Experience: Laboratory yrs;

Field..... yrs

Nature of present job.....

Signature of the Applicant with date

Declaration by the Sponsoring Authority

This is to certify that the information furnished above is correct. If the candidate is selected and intimated accordingly, the requisite fee will be paid by the due date and he/she will be relieved to participate in the said training at ICAR-IARI, New Delhi.

Signature of the Sponsoring Authority
with seal

Dated.....

For further details, please contact:

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Dr. Mahesh C. Meena

Incharge and Course Coordinator
Central Laboratory for Soil and Plant Analysis
Division of Soil Science and Agricultural Chemistry
ICAR-Indian Agricultural Research Institute, New
Delhi-110012
Phone: 011-25843588 Ext. No. 4332; (M)
09953287622
Email:
soilhealth.ssac04@gmail.com

Course Coordinators

Dr. Abir Dey

Scientist and Course Coordinator
Division of Soil Science and Agricultural Chemistry
ICAR-Indian Agricultural Research Institute, New
Delhi-110012
(M) 09013025469
Email: abird21@gmail.com



18th Advanced Level Training in Soil Testing, Plant Analysis and Water Quality Assessment

(05-25 January 2022)



Organized by:



Division of Soil Science and Agricultural Chemistry
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New Delhi - 110 012

This Brochure is also available at
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OBJECTIVES

The 18th Advanced Level Training will be conducted with the major objective of improving awareness and skills of the participants in modern techniques of analysis of soil, water and plant for research and extension activities in agriculture and allied fields, use of instruments and their general upkeep/maintenance, interpretation of analytical data and

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DURATION

The duration of this training course is 3 weeks *i.e* **05-25 January, 2022.**

ELIGIBILITY & SELECTION CRITERIA

Candidates possessing post graduate degree in Science/Agriculture or B.Sc./ B.Sc.(Ag.) with experience in relevant field are eligible for nomination to the course. Candidates sponsored by Govt./Semi-Govt. organizations, fertilizer industry, cooperatives, NGOs, ICAR institutes etc. will be given preference. Private entrepreneurs fulfilling eligibility requirements can also apply. The applications/nominations will be scrutinized and formal admission letters will be issued

to the selected candidates. Boarding and lodging arrangements will be made for the participants by the organizers. However, the TA/DA of the admitted candidates has to be borne by their sponsoring organizations, and IARI will have no liability on this account.

IMPORTANT DATES

- Last date for receipt of applications at IARI: **December 10, 2021**
- Release of admission letters: **December 20, 2021**
- Last date for receipt of fee: **December 31, 2021**
- Commencement of the training course: **January 05, 2022**

FINANCIAL LIABILITY

A consolidated fee of **Rs. 42,500/-** (Rupees forty two thousand and five hundred only) is to be paid by each admitted candidate through Demand Draft in favour of **Director, IARI, New Delhi**, drawn on any bank in **Delhi/New Delhi**. The fee covers course fee, and expenses on boarding, lodging, local transport, study tours, training & registration material, stationery etc. The fee has to be sent by the candidate only on receipt of Admission Letter, and not with the application.

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