

**NATIONAL TRAINING**  
on  
**Recent Trends in Sustainable Management of Soil Health for  
Doubling the Farmers' Income**  
(September, 18<sup>th</sup> to October, 08<sup>th</sup> 2018)

**Application Form for Participation in CAFT Training  
Programme**

(to be sent to the Director)

1. Name in full (in block letters) : .....
2. Designation : .....
3. Present employer and address:.....
4. Address for correspondence : .....
- (including e-mail address, telephone-O&R, mobile and fax numbers)
5. Permanent address : .....
6. Date of birth : ..... Male/Female : .....
7. Teaching/Research experience : .....
- (mention posts held during the last 5 years)
8. Training(s) received during last 5 years : .....
9. Number of publications : .....
10. Give details if you have participated in any of CAFT trainings : .....
11. Need of this training and how it will help in your research and academic activities : .....
12. Academic records (graduation level onwards) :

Examination	University	Division obtained	Year	Subject
1. B.Sc. (Ag.)				
1. M.Sc. (Ag.)				
1. Ph.D.				

Place:.....  
Date: .....

**Signature of the Applicant**  
FOR THE USE OF SPONSORING AUTHORITY

The application of Ms./Shri/Dr.....  
designation ..... is hereby recommended for attending  
the national training on "**Recent Trends in Sustainable Management of Soil  
Health for Doubling the Farmers' Income**" being organized by the  
Department of Soil Science & Agricultural Chemistry, Jawaharlal Nehru Krishi  
Vishwa Vidyalaya, Jabalpur from September, 18<sup>th</sup> to October, 08<sup>th</sup> 2018.

It is certified that the information furnished by the candidate has  
been verified and found correct

Place:.....  
Date: .....

**Signature of Sponsoring Authority**  
Name & Designation:  
Department/Office (seal)

Application to be sent to:

**Course Director**

**Dr. B. L. Sharma**  
Professor & Head

Contact No. (O) 0761-2681119, (M) +91 9981127646

Email : directorcaftss@gmail.com

**Course Coordinator:**

**Dr. A.K. Dwivedi.**  
Principal Scientist  
(Mobile: 9424310736)

**Course Co-coordinator:**

**Dr. S.S. Baghel**  
Scientist  
(Mobile: 9425888646)

**Dr. B.S. Dwivedi**  
Scientist  
(Mobile: 9425863441)

Note: More copies of the application proforma can  
be reproduced, if required



# National Training

on

## Recent Trends in Sustainable Management of Soil Health for Doubling the Farmers' Income

**September, 18<sup>th</sup> to October, 08<sup>th</sup> 2018**

**Dr. B. L. Sharma**  
CAFT Director

**Dr. A.K. Dwivedi**  
Course Coordinator

**Dr. S.S. Baghel**  
**Dr. B.S. Dwivedi**  
Course Co-coordinator



**Sponsored by**

**Indian Council of Agricultural Research  
New Delhi- 110 012**



**Organized by**

**Centre of Advanced Faculty Training  
Department of Soil Science & Agricultural Chemistry  
Jawaharlal Nehru Krishi Vishwa Vidyalaya,  
Jabalpur- 482004(M.P.)**



## BACKGROUND

The soil health has consistently gained importance in sustaining crop productivity. Soil health deterioration is a threat for maintaining soil fertility for sustainable agriculture development. The increasing demand for food production is a growing challenge towards promotion, development of healthy soils. The maintenance of native soil fertility in the intensively cultivated regions in recent past has changed the soil health. Soil management practices influence soil fertility but the intensive cropping has considerably depleted the nutrient reserve leading restoration imperative to sustainable production.

The training course aims to enrich and guide the participants in managing soil fertility by replenishing soil nutrient pools, improving organic farming practices incorporation of biofertilizers, recycling of nutrients and improving the efficiency of inputs by reducing nutrient losses.

Therefore, this training programme is being proposed to address the following objective:

### OBJECTIVE

- To impart training for technical staff of ICAR/SAUs on potentials of management practices in sustaining natural resources and agricultural productivity for improving farmers livelihood and doubling the farmers' income.

### COURSE CONTENT

- i. Soil nutrient management – Present status and future needs
- ii. Assessment of soil fertility for improving soil health
- iii. Soil health issues and management initiatives
- iv. Strategic evaluation of soil health and crop growth
- v. Concept of Soil fertility and soil health
- vi. Soil Management techniques for improving the crop productivity
- vii. Integrated approach for maximizing farm income.
- viii. Biofertilizer uses for sustainable production

### THE INSTITUTE

Government of India with the assistance of the State Government established the multi campus university at

Jabalpur, in the heart of the country, named after the architect of modern India, Pt. Jawaharlal Nehru, based on the recommendations of Radhakrishnan Commission (1946). On the concept of establishment of Agricultural Universities an approach was envisaged to narrow down the gap between the experts and farmers through Joint Indo-American Team on Agricultural Research and Education in 1954-55 and 1959-60 on the pattern of Land Grant Colleges of USA. On October 2, 1964, Jawaharlal Nehru Krishi Vishwa Vidyalaya (JNKVV) was inaugurated by the then Union Minister of Information and Broadcasting, Smt. Indira Gandhi. The Central Administrative Office of the University is located about 8 km North of Jabalpur town on National Highway No. 7.

### ABOUT THE DEPARTMENT

With the establishment of the Faculty of Agriculture in Jawaharlal Nehru Krishi Vishwa Vidyalaya, the Department of Soil Science & Agricultural Chemistry came into existence during 1967. The Department runs M.Sc. (Ag) and Ph.D. degree programmes as scheduled by the Vishwa Vidyalaya. Soil Fertility & Plant Nutrition, Soil Physics and Soil Microbiology are the prime areas of specialization in the department. The department has established several magnificent milestones in teaching, research and extension activities for the benefit to mankind, particularly to the farming community.

### DURATION

21 days (September, 18<sup>th</sup> to October, 08<sup>th</sup> 2018)

### ELIGIBILITY

Assistant Professors / Scientists and Associate Professors / Sr. Scientists of SAUs, ICAR Institutes and other Agricultural Institutes with Masters Degree in Soil Science & Agricultural Chemistry / Agronomy / Horticulture/ Plant Breeding and Genetics and relevant disciplines are eligible to apply for the national training programme.

### HOW TO APPLY

Application for participation in the national training programme may be made through Capacity Building Programme vortal of Agricultural Education Division of Indian Council of Agricultural Research using the link <http://www.iasri.in/cbp> or <http://www.icar.org.in>. Approval of participants will be made through the same

vortal. After getting approval on the vortal the application may be sent by post or e-mail in the prescribed format through proper channel. An advance copy may be sent directly, however, final selection will be subjected to receipt of the application duly forwarded and recommended by the competent authority.

Last date of receipt of application is 7<sup>th</sup> August, 2018. The selected candidates will be informed individually by e-mail (preferably) / fax / speed post latest by 20 August, 2018. After getting the information of the selection, the selected candidates are required to confirm their participation latest by 27<sup>th</sup> August, 2018 otherwise waitlisted candidates will be taken into consideration. Last minute cancellation is not appreciated and should be avoided. The wait listed participants, if selected, will be intimated accordingly by e-mail (preferably) / Fax / Speed post. The participants may plan their train reservations well in time to avoid any inconveniences.

### TA & DA

The participants will be paid to and fro travel fare by shortest route for the journey by rail, bus or other means of transport as per their entitlement, restricting to 2 tier AC train fare. The participants are requested to produce a copy of the ticket for reimbursement of the travel expenditure. Travel DA will be disbursed as per State TA rules.

### BOARDING AND LODGING

The participants will be provided free accommodation in the Guest House No.2 of the Vishwa Vidyalaya on twin sharing basis and wholesome meals and refreshments as per rules of ICAR. Local participants will be provided lunch only.

### LOCATION

The venue of the CAFT training programme will be in the Department of Soil Science & Agricultural Chemistry, College of Agriculture (JNKVV), Adhartal, Jabalpur (Madhya Pradesh). Jabalpur is well connected by air, rail and road from all major cities of the country. The mean temperatures during the month of September- October will be 25-30°C.

### TRAVEL TO JNKVV

The College of Agriculture, J.N. Krishi Vishwa Vidyalaya, Adhartal, Jabalpur is about 8 km either from railway station or main bus station. Autorikshaws, city metro buses, taxis are available to reach the campus comfortably.