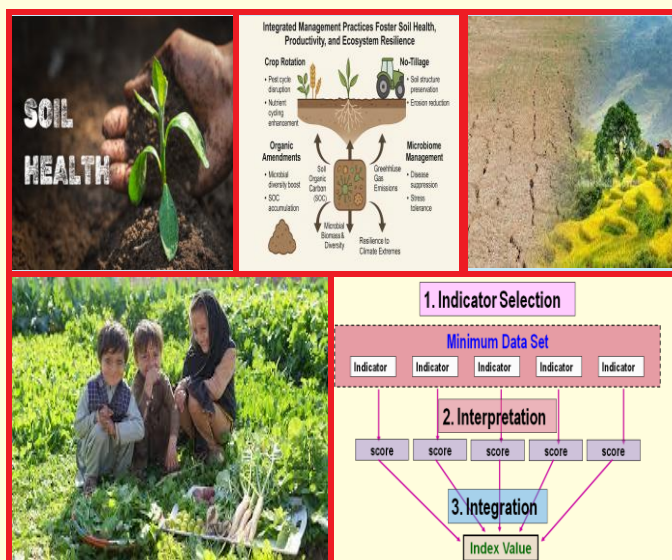




## ANRF, DST Sponsored Online Training Programme on

### Strategic carbon management: Pathways to improve soil health and resilience

(January 19-23, 2026)



## ORGANIZED BY



**Division of Soil Science and  
Agricultural Chemistry, ICAR-Indian  
Agricultural Research Institute,  
New Delhi- 110012**

## INTRODUCTION

Strategic carbon management has emerged as a key pathway to enhance soil health, productivity, and climate resilience in modern agricultural systems. By optimizing carbon inputs, minimizing losses, and promoting stable soil organic matter formation, it strengthens soil structure, improves nutrient cycling, and enhances water-holding capacity. Integrating practices such as organic amendments, reduced tillage, diversified crop rotations, and residue retention supports long-term carbon sequestration while mitigating greenhouse gas emissions. These approaches not only sustain soil fertility but also increase ecosystem resilience against climate extremes. Thus, carbon-focused soil management provides a sustainable framework for advancing agricultural productivity and environmental stewardship.

The ICAR–Indian Agricultural Research Institute (IARI), New Delhi, recognized for its scientific excellence and capacity-building initiatives, proposes a specialized online

training programme titled “Strategic carbon management: Pathways to improve soil health and resilience” under ANRF, DST funded project.

## OBJECTIVES

The training will be conducted with the major objective of imparting training on analysis of soil carbon dynamics and their role in soil health and climate resilience, modelling of SOC, spectral soil quality, and development of soil health cards using DSS.

## DURATION

The duration of this online training course is 5 days from **January 19-23, 2026**.

## ELIGIBILITY & SELECTION CRITERIA

M.Sc. and Ph.D. students pursuing their degree in Soil Science/ Agronomy/ Soil Physics/ Microbiology/ Environmental Science from a recognized university are eligible to apply in the prescribed format given at second page. Total 25 applicants will be selected for this course based on first-cum-first serve as well as merit, areas of research work and research experience.

**FOR FURTHER DETAILS, PLEASE CONTACT**

**Course Advisors**

**Dr. Debashis Mandal, Head**  
**Dr. T. J. Purakayastha, Professor**

Division of Soil Science and Agricultural Chemistry, ICAR-Indian Agricultural Research Institute, New Delhi- 110012

**Course Director**

**Dr. Sunanda Biswas, Senior Scientist**

Division of Soil Science and Agricultural Chemistry, ICAR-IARI, New Delhi- 110012  
Mobile: 9013428369  
Email: trainingssac3@gmail.com

**Course Co-ordinators**

**Dr. Prasenjit Ray, Scientist**

Division of Soil Science and Agricultural Chemistry, ICAR-IARI, New Delhi- 110012  
Mobile: 8721989648  
Email: prasenjit.iari@gmail.com

**Dr. Priya Singh, Senior Research Fellow**

Division of Soil Science and Agricultural Chemistry, ICAR-IARI, New Delhi- 110012  
Mobile: 7065508882  
Email: priya4987@gmail.com

**TRAINING FEE & FINANCIAL LIABILITY**

There is no training fee for this course.

**IMPORTANT DATES:**

- Last date for receipt of applications at IARI: **January 5, 2026**
- Release of admission letters: **January 12, 2026**
- Commencement of the training course: **January 19-23, 2026**

**HOW TO APPLY?**

The application as per the given format, complete in all respects and duly signed by the authority, should be sent to Dr. Sunanda Biswas, Senior Scientist & Principal Investigator (ANRF, DST funded Project), Division of Soil Science and Agricultural Chemistry, ICAR-Indian Agricultural Research Institute, New Delhi-110012, via Registered Mail/Courier/E-mail, so as to receive the application latest by **January 5, 2026**.

**APPLICATION FORM**  
**ANRF, DST Sponsored Online Training Programme on**  
**Strategic carbon management:**  
**Pathways to improve soil health and resilience**  
**(January 19-23, 2026)**

Name of the candidate.....  
.....(in Block Letters)  
Date of birth.....  
Gender (Male/Female/other).....  
Department and University name.....  
.....  
Address for correspondence:.....  
.....  
Mobile.....  
E-mail .....

S. No.	Degree	Year	Subject	University/Institution	% of marks
1.	B.Sc.				
2.	M.Sc.				
3.	Ph.D.				
4.	Other				

Thesis title.....  
.....  
Experience: Research ..... yrs

Signature of the Applicant with date

**Declaration by the Forwarding Authority**

This is to certify that the information furnished above is correct. If the candidate is selected and intimated accordingly, he/she will be allowed to participate in the said training programme.

Date

Signature of the Forwarding Authority with seal