

## Application Form

**DST-SERB sponsored Three-day workshop on “Alternate strategies for Reclamation of Salt affected soils” (27-29 February, 2024) at Division of Soil and Crop Management, ICAR-Central Soil Salinity Research Institute, Karnal- 132001, under the SERB Scientific Social Responsibility Policy**

Full Name (in block letters): Designation:

Discipline/Specialization:

Present Employer and Address:

Permanent Address:

Date of Birth:

Sex (Male/ Female):

Phone/mobile No:

Email:

Educational Qualifications:

Current Areas of Research:

Teaching/ Research / Professional Experience (mention post held during last 5 years and number of publications):

Marital Status (Married/Unmarried):

Statement of purpose (50-100 words):

CV (please enclose)

Signature of Applicant with date

Recommendations of the forwarding institute

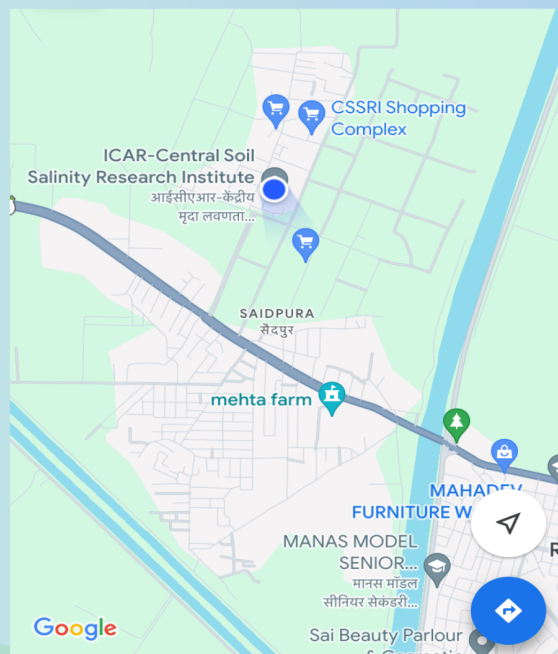
It is certified that the information provided above is verified and found correct. The applicant is recommended & nominated for attending the training at Division of Soil and Crop Management, ICAR-Central Soil Salinity Research Institute, Karnal- 132001.

Signature of the forwarding Authority with Seal and Date

## Organizing committee

1. Dr. A. K. Rai Course Director, Head, Division of Soil and Crop Management, ICAR-Central Soil Salinity Research Institute, Karnal
2. Dr. Priyanka Chandra, Course Co-ordinator, Scientist, Division of Soil and Crop Management, ICAR-Central Soil Salinity Research Institute, Karnal
3. Dr. Parul Sundha, Scientist, Course Co-ordinator, Division of Soil and Crop Management, ICAR-Central Soil Salinity Research Institute, Karnal
4. Dr. Nirmalendu Basak, Scientist, Course Co- coordinator, Division of Soil and Crop Management, ICAR-Central Soil Salinity Research Institute, Karnal

## How to reach



**DST-SERB Sponsored Training on “Alternate strategies for Reclamation of Salt affected soils” 27-29, February 2024**



Division of Soil and Crop Management, ICAR-Central Soil Salinity Research Institute  
Karnal- 132001, Haryana, India

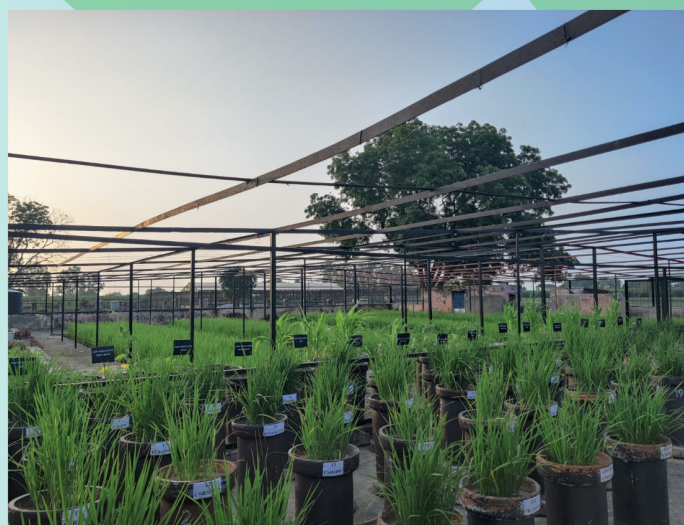
## ABOUT THE TRAINING

Salt-affected soils (SAS) are spread over more than 100 countries in the world. Globally, SAS covers over ~835 Mha, comprising sodic (438 Mha) and saline (397 Mha) soils. Of which ~76 Mha area is affected by human-induced salinization and sodification. Livelihoods of more than 2.6 billion (about 74%) of resource poor peasants is facing a threat due to moderate to severe degradation of nearly 52% of the world's agrarian land. This results in an annual economic loss to the extent of ~US\$ 6.3 billion. To contain the process of further soil deterioration, sustainable land management is vital for ecological sustainability and to meet the national targets of the Sustainable Development Goals (SDGs). Presently, soil salinization is a major environmental challenge affecting the crop production and impedance of essential ecosystem services (loss of biodiversity, nutrient and water recycling, carbon sequestration etc.) eventually resulting in the reduced productive capacity of soils. At present, India has 6.73 Mha salt-affected area, of which 2.95 million ha is saline distributed over 16 states. Moreover, the situation may worsen in the near future as the projected area under SAS might increase to the extent of 16.2 M ha by 2050. In this context, this training will cover Improved and futuristic technologies for harnessing the productivity from salt-affected soils



### Key Points:

1. Innovative alternate amendments for the suitable management of sodic soil
2. Hand on training on sodic soils and poor quality water parameters/indices
3. Microbial interventions for managing salt affected soils
4. Hand on training on microbiological techniques
5. Field visit of experiments on salt-affected soils



## Registration Fee

**No registration fee. The training is sponsored by DST-SERB**

## Who can participate

Researchers/ Faculty members of ICAR-Deemed to be universities/SAUs/CAUs/CUs and other UGC recognized universities or colleges and research institutes/Research scholars are eligible to apply. The number of participants is limited to 20 only.

## Travel

Travelling allowance will not be provided by the organizers

## Accommodation and Food

Accommodation is limited, based on the availability in the guest house. Working lunch and refreshments will be arranged by the organizers.

## How to Apply

**Complete application form forwarded by the competent authority should reach the email id [priyanka.chandra921@gmail.com](mailto:priyanka.chandra921@gmail.com) on or before 15th February 2024**