



ICAR- Central Soil Salinity Research Institute
Karnal 132001, Haryana , India
Tel: 91 184-2290501,| Fax : 91-184-2290480
E-mail: director.cssri@icar.gov.in
Website: <http://www.cssri.org>



DST-SERB Sponsored Workshop on
Introgression of stress tolerance
genes in Rice through Marker
Assisted Backcross Breeding (MABB)
(14-15 September 2023)

SERB Scientific Social Responsibility Policy

Organizing Secretary

Dr S L Krishnamurthy

Sr. Scientist

Division of Crop Improvement

ICAR- Central Soil Salinity Research Institute, Karnal

In order to develop sustainable crop varieties with tolerance to biotic and abiotic stresses, researchers must address emerging new diseases and pests, as well as climate change. Marker assisted backcrossing (MABC) is one of the most promising approaches, as it uses molecular markers to identify and select genotypes having gene of interest. In this regard, MABC can help to generate resistant, high-yielding, or high-quality rice varieties by pyramiding of important stress tolerant genes into an elite variety. This technology reduces the efforts of time and resources to breeders in rectify the defects in farmers accepted variety. MABC is now frequently utilized in plant breeding operations to generate novel varieties/lines, particularly in rice. Under this back drop, two days Workshop is envisaged under SERB Scientific Social Responsibility (SSR) Policy so as to acquaint researcher/faculty members of the institutes Universities/colleges to further update their respective clientele.

Who Can Participate : Research Fellows / Faculty members of ICAR-Deemed to be Universities/SAUs/CAUs/CUs/other UGC recognized Universities/Colleges and Research Institutes are eligible to apply. The number of participants limited to 25 only.

Registration Fees : There will be no registration fee for the work shop

Travel : Travelling allowance will not be provided by the organizer, Participants have to make their own arrangement.

How to apply : Complete application form in the prescribed format forwarded by authority should reach the Course Director/Coordinator, Division of Crop Improvement ICAR- Central Soil Salinity Research Institute Karnal 132001, on or before 18 August 2023. Application form can be download from <http://www.cssri.org>.

Food & accommodation : Refreshments & working lunch will be provided for the participants during the programme. Accommodation will be provided for participate from outside Karnal.

Contact

Organizing Secretary/ Course Director : Dr S L Krishnamurthy
Sr. Scientist
+91 8053726399
krishnagene@gmail.com

Co-organizing Secretary/ Course-Co-ordinator: Dr Lokeshkumar B M
Scientist
+91 9738234049
lokeshbm8050@gmail.com

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Application Form

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(SERB Scientific Social Responsibility Policy)

1. **Full name (in block letters):**
2. **Designation:**
3. **Discipline/Specialization:**
4. **Present Employer and Address:**
5. **Permanent Address:**
6. **Date of Birth:**
7. **Sex(Male/Female):**
8. **Marital Status (Married/Unmarried):**
9. **Contact number:**
10. **E-mail:**
11. **Educational Qualification:**
12. **Current area of Research**
13. **Teaching/Research/Professional Experience:**
14. **Recent Publications in the expertise area:**

Signature of Applicant with date

Recommendations of the forwarding Authority

It is certified that the information provided above is verified and found correct. The applicant recommended & nominated for attending the Workshop at ICAR-CSSRI Karnal.

Signature of the forwarding Authority with Seal and Date

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