



Department of
Science &
Technology,
Government of
India



DST-SERB Sponsored Workshop on Application of Molecular and Genomic Tools for Biofortification in Crops

27-29, February

Division of Genetics, ICAR-Indian Agricultural Research
Institute (IARI), New Delhi



Biofortification, a process aimed at enhancing the nutritional content of crops, has emerged as a promising solution to address global malnutrition, particularly deficiencies in essential vitamins and minerals. Cereals, being staple foods for a large portion of the global population, play a pivotal role in providing essential nutrients. Biofortification offers an innovative approach to improve the nutritional quality of these crops. The workshop is primarily aimed at training researchers and teachers interested in application of various molecular and genomic tools for enhancement of the grain nutritional status of the crops

Following topics will be covered in the workshop

Overview of various molecular breeding approaches like Marker assisted Backcross Breeding, Genome wide association studies, transcriptome analysis and genome editing

Hands on training of extraction and quantification of vitamins, minerals, starch components, anti-nutritional factors etc.



Who can participate

Faculty members of ICAR-Deemed to be universities/SAUs/CAUs/CUs and other UGC recognized universities or colleges and research institutes are eligible to apply. The number of participants is limited to 25 only.

Registration Fee

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



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 Course Director's email id rice.qualitylab@gmail.com on or before 30th Jan. 2024

Organizing committee

Course Director: Dr. Haritha Bollinedi, Scientist (SS), Div. of Genetics, ICAR-IARI

Course Co-ordinator: Dr. Gopala Krishnan S, Head, Div. of Genetics, ICAR-IARI

Co-coordinators: Dr. Prolay K Bhowmick, Div. of Genetics, ICAR-IARI & Dr. Veda Krishnan Div. of Biochemistry, ICAR- IARI.

Application Form

DST-SERB sponsored Three-day workshop
on **“Application of molecular and
genomic tools for biofortification in
crops”** (27-29 February, 2024)
under the 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. Phone/mobile No:
9. Email:
10. Educational Qualifications:
11. Current Areas of Research:
12. Teaching/ Research / Professional Experience (mention post held during last 5 years and number of publications):
13. Marital Status (Married/Unmarried):
14. Statement of purpose (50-100 words):
15. 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 workshop in IARI.

Signature of the forwarding Authority with Seal and Date