



# ICGEB International Centre for Genetic Engineering and Biotechnology

## Meetings and Courses 2022

ICGEB-DBT Workshop

### Re-designing Smart Crops for Sustainable Agriculture: Dynamics of CRISPR-Cas Breeding, NGS and beyond

23-27 May 2022 | New Delhi, INDIA



**Organiser:**

Tanushri Kaul (ICGEB New Delhi, India)

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**Web** <https://www.icgeb.org/re-designing-smart-crops-for-sustainable-agriculture-workshop-2022/>

RCSA will strengthen the research capability of the participants by comprehensive training besides stimulating the people by centring the idea globally. This workshop will highlight the impeccable efficiency of the CRISPR-Cas system in directing the genome editing to make plants nutritionally improved, resilient with enhanced yield. Further it will increase the fundamental knowledge for the application of the CRISPR-Cas technique accompanied with the implementation of the inferences drawn from NGS data employing machine learning approach. This workshop aims to sensitize the people towards the policies, rules, and regulations for the commercialization. Topics will include:

- Plant Molecular Biology
- Hands-on training in CRISPR-Cas genome editing techniques
- CRISPR-Cas based plant breeding
- Fundamentals of policies relevant to genome editing
- NGS
- Advances in Machine learning to comprehend genome editing better

**Participants**

- Attendance is limited to 30 participants
- 15 seats are reserved to Indian participants
- 15 seats will be available for **ICGEB Member State** nationals residing outside of India

**Funding**

- Participants are expected to cover their own travel and living costs. A limited number of grants waiving the registration fee and covering accommodation (twin share) and local hospitality for the duration of the event, are available to a selected number of **ICGEB Member States** nationals residing outside of India
- Selection criteria: the applications received on or before the deadline will be screened by the selection committee consisting of the organising scientists. The evaluation will cover the assessment of the abstract which include the objective, background, methodology, conclusion of the research work. The strong motivation and rationale behind attending this workshop and indication of the impact that the workshop will have on your future research work will add weightage to the applications.
- Applicants will be informed shortly after finalisation of the selection process followed with the update concerning the payment of the registration fee

**Online application Deadline** <https://isg.icgeb.org/auth/login>  
15 January 2022 - Deadline extended



Follow the event



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