National Symposium

GENOMICS REVOLUTION TO FOSTER ADVANCES AND INNOVATIONS IN CROP IMPROVEMENT

27-29 February, 2024

THEMATIC AREAS

- Integrating conventional and new Plant breeding technologies
- Genomics assisted alien introgression
- Genome editing for precision breeding
- Machine Learning & Artificial Intelligence in crop genomics
- Genomics interventions for climate resilience

KEY SPEAKERS

- Dr. Bikram Gill
  WGRC Industry/University Cooperative Research Center-Kansas

- Dr. Pervez Zaidi
  CIMMYT, Hyderabad

- Dr. Ravi Maruthachala
  IISER, Thiruvananthapuram

- Dr. A R Rao
  IASRI, New Delhi

- Dr. Kutubuddin Molla
  NRRI, Cuttack

- Dr. Sanu Arora
  John Innes Centre, UK
The ongoing information explosion with respect to crop genomes and the development of concomitant genomic technologies has all the hallmarks of a scientific revolution. Fortuitously it is happening at a time when we are faced with unprecedented challenges in crop improvement. A serious threat is posed by depleting natural resource base (water, soil nutrients) in the face of increasing global demand for food and anticipated changes in climate. Last decade has witnessed rapid changes in technological base for crop improvement with precision phenotyping, genome editing and genomic selection as new footing to breeding and biotechnology. A broader genetic and genomics base, handled through a more precise and faster breeding technology based on the recent scientific developments would thus be a necessary aspect of the new era breeding programs.

Symposium highlights:
Lectures on latest advances, Expert Speakers, prospects for poster and oral presentations and networking opportunities.

Awards for Young Researchers

Visit to:
Accelbreed Facility
PAU museums
Experimental area
Guidelines for Authors

Registration is compulsory for the presenting author. Abstract should be of maximum 250 words, excluding title, author’s name and affiliations. From each theme, three best abstracts will be selected for oral presentations. Oral presentations will be of 10 minutes including two minutes discussion.

Poster Sessions

Selected abstracts for Poster/Oral presentation will be intimated by 15-02-2024. Guidelines for poster presentation will be communicated to the selected participants.

ONLINE REGISTRATION AT
https://forms.gle/LQki1NnpM26XPYU86

ALL DELEGATES ATTENDING THE WORKSHOP WILL GET PARTICIPATION CERTIFICATE

Important Information:
Registration:
Last date: February 23, 2024
Registration Fee:
Students /RFs: Rs. 2000/
Faculty: Rs. 3000/-
Pvt. company/Industry rep: Rs 5000/-
Accompanying person: Rs 1500/-

Submission of Abstracts:
Last Date: February 12, 2024

For abstract submission follow:
https://forms.gle/2pkgdBVeWQ16WXn5A
Ludhiana, known as Manchester of India, is a large industrial city in North Indian state of Punjab.

**Location:** 30°54'N 75°51'E

**Temperature:** Ambient day temperature 26°C and 8°C night during end of February month.

**Connectivity:** Well connected by road and rail on Delhi-Amritsar route. Chandigarh Airport is the nearest International Airport to Ludhiana. Ola & Uber are operable in the city.

**Patrons:**
- Dr. G S Khush
- Dr. S S Gosal

**Conference Chair:**
- Dr. A S Dhatt
- Dr. (Mrs.) Parveen Chhunja

**Contact:**
coesymposium2024@gmail.com
Dr. S K Sandhu : 8146238432 (Convener)
Dr. D Pathak : 9876197865 (Co-Convener)
Dr. Satinder Kaur : 9872625702 (Co-Convener)