

**National Seminar**  
(In Hybrid mode)  
on  
**Challenges, Opportunities and Strategies of Plant  
Science for Crop Improvement**

**8<sup>th</sup>-9<sup>th</sup> September, 2023**



*Organized by*  
**ISG&PB RANCHI CHAPTER**  
&  
**Indian Society of Genetics & Plant Breeding**  
**New Delhi- 110 012**

**DEPARTMENT OF GENETICS & PLANT BREEDING**  
**BIRSA AGRICULTURAL UNIVERSITY**  
**RANCHI-834006, Jharkhand**  
**E-mail: [isgpbranchi@gmail.com](mailto:isgpbranchi@gmail.com)**

The **RANCHI CHAPTER in collaboration with Indian Society of Genetics & Plant Breeding**, welcomes Scientists, Teachers and Students from the discipline of Genetics, Plant Breeding, Plant Biotechnology, Plant Physiology, Seed Technology Horticulture and vegetable sciences to the National Seminar on “**Challenges, opportunities and strategies of Plant Science for crop improvement**” at Birsa Agricultural University, Ranchi (Jharkhand) during 8<sup>th</sup>-9<sup>th</sup> September , **2023**.

**Background:** Presently agricultural production is facing severe constraints on account of soil degradation and climate change resulting in high variability in quantum and distribution of rainfall, temperature, frequent, droughts, flash floods and submergence, etc. The soil pH ranging from 4.5 to 8.5 due to various reasons in the potential arable lands of the country also limits the production of food as well as horticultural crops. The shrinkage of agricultural land due to developmental activities is hampering the efforts to enhance the agricultural production appreciably. As such increasing the productivity of the crop even under the above constraints is the key to increased production for sustained food security from predominantly rainfed agriculture.

In view of this, the present National Seminar “**Challenges, opportunities and strategies of Plant Science for Crop Improvement**” is being organized by the **Ranchi Chapter** of Indian Society of Genetics & Plant Breeding, New Delhi at Birsa Agricultural University, Ranchi-834006 (Jharkhand) **during 8<sup>th</sup>-9<sup>th</sup> September , 2023**.

**Theme:** The theme of the National Seminar is “**Challenges, opportunities and strategies of Plant Science for crop improvement**” which shall involve different disciplines.

The sub-themes of the National Seminar shall be:

- **Pre- breeding & Plant genetic resource management**
- **Crop improvement for Climate resilience**
- **Allele mining and gene discovery for improving food and vegetable crops**
- **Molecular breeding for crop improvement**
- **Breeding for Grain and nutritional quality of Crop Plants**
- **Breeders & Farmers right and public awareness for IPR/Ethical issues and regulation of biosafety.**

**Call for abstracts:** Abstracts on the above thematic areas are invited for lead/invited/contributory (Oral & Poster) presentations.

Abstracts be sent in MS word (Front size-12, Times New Roman, Single line spacing) having upto 350 words excluding title, authors and affiliations to Dr. Manigopa Chakraborty, through e-mail (as attached file) at [isgpbranchi@gmail.com](mailto:isgpbranchi@gmail.com) along with duly filled in registration form latest by **25<sup>th</sup> August 2023**. Acceptance will be communicated within 3 days of receiving the abstracts (s).

**Guideline for poster preparation:** Poster should be informative, attractive and self - explanatory. The size of posters should be 0.8m x 1.5 m. Name of the presenter should be underlined and email address be mentioned.

***Oral Presentation and Best poster shall be selected by the panel of judges for award.***

**Venue:** The Seminar will be organized **during 8<sup>th</sup>-9<sup>th</sup> September, 2023** at the Auditorium of the Faculty of Agriculture, Birsa Agricultural University, Ranchi-834006, Jharkhand. The venue is 18 KM from Ranchi and Hatia Railway Stations and 20 KM from Birsa Munda Airport on Ranchi - Patratu Road.

### Registration Fee

Category	Fee (Offline)	Fee (Online)
Scientist / Professor / Academician / Researchers / Extensionists (Non member)	2500/-	1000/-
Life members of the ISGPB	2000/-	1000/-
RA, SRF, Teaching Associates	1500/-	1000/-
PG, Doctoral Students	1000/-	500/-
Accompanying persons	2000/-	-
Private agencies (Maximum 2 persons allowed)	10000/-	4000/-

Participants are requested to send duly filled in Registration Forms along with the Registration fee in the form of Demand Draft in favour of “**Secretary, ISG&PB, Ranchi Chapter**” payable at Ranchi.

- The payment can be made by NEFT/Online in favour of Secretary, ISG&PB, Ranchi Chapter
- Bank Details: PNB, Kanke Branch, Ranchi
- A/C no. 0062010693837
- IFSC Code PUB0006220

**Note:** Payment details for reconciliation must be mailed to Organizing Secretary by Email: [isgpbranchi@gmail.com](mailto:isgpbranchi@gmail.com)

### Dates to remember

Submission Abstracts	- upto 25 <sup>th</sup> August 2023
Registration Fee	- Along with abstract

**Accommodation:** Guest house and hotel accommodation will be provided on first come-first serve basis. Extra charges have to be paid as per University guest house or Hotels rates.

**About Ranchi:** Ranchi is the capital town of Jharkhand State. It is well connected with different parts of the country through trains from Delhi, Jammu, Chennai, Bangalore, Kolkata, Bhubaneswar, Allepy, Coimbatore, Mumbai, Gorakhpur, Kanpur, Varanasi, Patna. It is also connected by Air from Delhi, Mumbai, Hyderabad, Kolkata, Bangalore, Chennai, Raipur and Patna.

**Publication:** Selected paper will be published in Peer reviewed Journals.

## REGISTRATION FORM

National Seminar

on

Challenges, Opportunities and Strategies of Plant Science for Crop Improvement

8<sup>th</sup> -9<sup>th</sup> September, 2023

Name :.....

Designation:.....

Address:.....

Phone:.....

E-mail:.....

Title of the presentation:.....

Thematic

area:.....

Registration Fee: D.D No..... dated.....

In favour of the **Secretary, ISG&PB, Ranchi Chapter**

Accompanying person (s):.....

Accommodation required: BAU Guest House/Hotel

I wish to attend the seminar Yes/No

I wish to present a paper Invited/Oral/Poster

Date:.....

Signature

***Please mail to:***

Dr. (Mrs.) Manigopa Chakraborty,  
Organizing Secretary,  
Department of Genetics & Plant Breeding  
Birsa Agricultural University,  
Kanke, Ranchi-834 006 (Jharkhand)  
Mobile: 9431594011  
E-mail: [isgpbranchi@gmail.com](mailto:isgpbranchi@gmail.com)

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