

**NATIONAL WORKSHOP
ON**

**HIGH THROUGHPUT SEQUENCING AND
GENOTYPING TECHNOLOGIES
FOR NEXT GENERATION BREEDING
ON**

(27TH MARCH - 29TH MARCH, 2023)



ORGANIZED BY:

National Genomics and Genotyping Facility (NGGF) &
Human Resource Development (HRD) Facility
NATIONAL INSTITUTE OF PLANT
GENOME RESEARCH
ARUNA ASAF ALI MARG
NEW DELHI - 110067



REGISTRATION FEES: Rs 5,000/-

(Registration would include lectures and
demonstrations, workshop kit, and
lunch/ breaks.)

IMPORTANT DATES

Last date of Application : March 10th, 2023
Selection of Candidates: March 17th, 2023
Payment of Fees: March 22th, 2023

Note: Payment link will be shared with selected
candidates only.

ONLINE APPLICATION FORM

[CLICK HERE](#)

ORGANIZING TEAM

NGGF

- Dr. Sabhyata Bhatia
- Dr. Swarup K Parida
- Dr. Aashish Ranjan

HRD Facility

- Dr. Aashish Ranjan
- Dr. Amar Pal Singh

NGGF Training Team

- Dr. Sangeeta Singh
- Dr. Santosh Kumar
- Dr. Mangesh P Jadhav

CONTACT

NGGF WEBSITE:

http://nipgr.ac.in/facilities/facility_nggf.php

INSTITUTE WEBSITE:

www.nipgr.ac.in

EMAIL: nggfworkshops@nipgr.ac.in

PHONE: 011-26735117
011-26735181

APPLICATION FORM

NAME: _____

GENDER: _____

UNIVERSITY/INSTITUTE: _____

ADDRESS FOR CORRESPONDENCE:

PHONE/MOBILE: _____

E-MAIL: _____

ACADEMIC QUALIFICATIONS:

AREA OF RESEARCH AND INTEREST:

Current position:

Ph.D. thesis Title:

Current Project title:

Why do you want to attend this workshop?

Biological question that you want to answer
using genomics and genotyping techniques?

Upload recent CV with two references.

(FILLING THE COMPLETE DETAILS USING ONLINE
APPLICATION FORM LINK IS MANDATORY)

SIGNATURE WITH DATE:



ABOUT NGGF

The National Genomics and Genotyping Facility (NGGF) is anchored at the National Institute of Plant Genome Research (NIPGR), New Delhi. This Facility serves as a “Single-window service system,” for advanced high throughput genomics and genotyping based solutions and consultancy backed by a State-of-art Bioinformatics facility. This facility provides services to the custom research stakeholders of Biotechnology encompassing government, academic labs and industries. This facility mainly consists of advanced Sequencing and Genotyping Platforms like Illumina’s NovaSeq 6000, NextSeq 550, Affymetrix (Gene Titan) and KASP genotyping platform.

WORKSHOP MODULES

- ❖ Next generation sequencing technologies and their applications with special emphasis on Illumina short read sequencing.
- ❖ SNP genotyping using Affymetrix Gene titan platform for advanced breeding.
- ❖ SNP genotyping using KASP platform and its wide use for breeders and scientists.

This training will drive participants towards identification, validation and utilization of novel molecular markers for crop improvement. The workshop will enable participants to design their own research plans using advanced genomics tools.

PLAN OF WORKSHOP

The workshop on “High throughput Sequencing and genotyping Technologies” is intended to train PhD students, research fellows and post-doctoral fellows in the area of molecular breeding, genomics and bioinformatics. The workshop will include lectures and demo sessions on advanced sequencing and genotyping platforms available at NGGF. The workshop will also include lectures from the domain experts.

ACCOMMODATION

Participants will have to arrange their own accommodation.

WHO CAN PARTICIPATE

PhD Scholars, Research Fellows, and Post Docs from Public and Private Universities/Colleges/ Research Institutes working in related areas.

SELECTION & REGISTRATION

Registration Link:

[CLICK HERE](#)

Last date to register: March 10th, 2023.

Selection of participants will be done on the basis of information filled in registration form. The selected participants will be intimated through emails by **17th March, 2023**. Selected participants will be required to pay the registration fees by **22th March, 2023**.

For any query related to workshop, email at:

nggfworkshops@nipgr.ac.in

NUMBER OF PARTICIPANTS

A maximum of 25 candidates will be selected for the workshop.

VENUE
BOARD ROOM
 NATIONAL INSTITUTE OF PLANT GENOME
 RESEARCH, NEW DELHI