



HANSRAJ COLLEGE

(NAAC A+ CGPA 3.62, NIRF Rank #9)

University of Delhi

Mahatma Hansraj Marg, Malka Ganj, Delhi-110007

<https://www.hansrajcollege.ac.in>

Department of Botany, Hansraj College

in association with

International Maize and Wheat Improvement Center (CIMMYT), Mexico

is organizing

An International Conference on

Genetics and Genomics Technologies for Crop Improvement

(1st August – 3rd August, 2021)

Timings: 9:00AM - 2:00PM (on 1st & 2nd August) & 2:30PM - 5:30PM (on 3rd August)

in collaboration with

Mahatma Hansraj Faculty Development Centre

(A Centre of MoE, Govt. of India under PMMMNMTT Scheme)



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ABOUT PMMMNMTT

The Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching emphasizes the need to change the role and working of a teacher from mere disseminator of information and knowledge to the one who advances frontiers of existing knowledge by actively developing and creating new insights into diverse social and physical phenomena.

ABOUT HANSRAJ COLLEGE



Hansraj College is one of the largest constituent colleges of the University of Delhi. The college has been ranked as one of the top five colleges for science, arts and commerce several times in the last decade. The faculty and students of the college have contributed immensely in the fields of academics, sports, culture, business and others. Its distinguished alumni have included several eminent authors, academicians, administrators and business magnets. They have credited their years at Hansraj as formative and life-shaping. The College is reputed with completing 73 years of imparting quality higher education. It dearly holds its defining characteristic of being forward-looking and passionate about advances in learning systems to keep the curriculum and methods relevant to the needs of our rising nation.

EMINENT GUESTS & SPEAKERS



Prof. P.C. Joshi

Vice Chancellor
University of Delhi, Delhi



Prof. Suman Kundu

Director
University of Delhi, South
Campus, Delhi



Prof. Balaram Pani

Dean of Colleges
University of Delhi, Delhi



Dr. Vikas Gupta

Registrar
University of Delhi, Delhi



Prof. Suman Lakhanpal

Head
Department of Botany
University of Delhi, Delhi



Prof. A. K. Singh

Head, Division of Genetics
Indian Agricultural Research
Institute, New Delhi



Prof. Umesh Reddy

Professor of Biology
West Virginia State
University, USA



Dr. Deepmala Sehgal

Scientist
Wheat Geneticist/QTL
Deployment Coordinator
Global Wheat Program
International Maize and
Wheat Improvement Center
(CIMMYT) Texcoco, México

EMINENT GUESTS & SPEAKERS



Prof. Andrea Visoni
Associate Scientist
International
Center for
Agricultural
Research in the
Dry Areas Rabat
Morocco, North
Africa



Prof. Manu Agarwal
Department of Botany
University of Delhi
Delhi, India



Prof. Ashwani Pareek
Executive Director
National Agri-Food
Biotechnology Institute
(NABI),
Mohali (Punjab), India



Prof. Sandeep Das
Department of Botany
University of Delhi
Delhi, India



Prof. Anandita Singh
Professor,
Department of
Biotechnology
TERI School of Advanced
Studies



Prof. Arun Jagannath
Department of Botany
University of Delhi
Delhi, India



Prof. Shailendra Goel
Department of Botany
University of Delhi
Delhi, India



Dr. Kanwar Deep Singh
Gene Shifters, LLC
640 Sw Sundance Ct
Pullman, USA



Dr. Akshay Biswal
Scientist
Plant Transformation
and Tissue Culture
International Maize and
Wheat Improvement
Center (CIMMYT)
Texcoco, Mexico



Dr. Neeti Sanan-Mishra
Group Leader
Plant RNAi Biology
ICGEB New Delhi

ABOUT THE PROGRAMME

Crop improvement and food security is a cause of concern for all in the present era of global climate change. Climate change can impact the phenotypic plasticity of plants and their capability to adapt, which might, in turn, affect agricultural yields. Under these circumstances, it becomes important to discuss the issues of crop productivity in relation to mitigating the climate change effects at a scientific platform and grow our acquaintances on the subject. Such discussions are also important to plan future strategies of crop production to generate new varieties that would be high yielding as well as climate resilient to ensure food for all. The objective of this conference is to gather knowledge on recent developments in molecular plant breeding by deliberating on new genomics and gene editing tools like Linkage and Association Mapping for QTL analysis, Next Generation Sequencing (NGS), MAS, MABB, GWAS, RNAi and CRISPR-cas 9 technologies among others. This conference is unique to combine all facets of genetics and genomic tools used in molecular plant breeding. Renowned Professors and eminent Scientists of national and international repute have been invited as guest speakers in this program. They are not only leaders in their fields, but also exceptional mentors. In nutshell, through this International Conference, we aim to build and spread awareness about how crop plants can be protected and crop yields can be enhanced with the use of genetics and genomics based Molecular Plant Breeding technologies. Participants can further utilize this knowledge for their research, classroom teaching and to spread awareness.

REGISTRATION DETAILS

Interested participants are requested to follow the steps mentioned below in order to register for the Conference :

Participants are required to pay the registration fee of **Rs.500/-** via **NEFT/IMPS/UPI** to the following account:

Account:	Principal, Hansraj College, FDC
Bank:	Canara Bank, Hansraj College, Delhi
Type of Account:	Savings
Account number:	2848101019873
IFSC:	CNRB0002848

- **NOTE: Fee is non-refundable & there is no registration fee for Undergraduate & Masters students.**
- Pre-registration to the programme is through **online** mode only.
- Participants are required to fill the registration form using the following link. (Please ensure that you have payment proof before filling up registration form)
- Registration link: <https://bit.ly/3r94G95>
- The **last date** for registration is **30th July 2021 till 05:00 PM.**
- **Participants** will be informed by **31st July 2021.**
- Attendance norms are strict.
- Further details will be communicated to the registered participants.
- **ELIGIBILITY:** The programme is **interdisciplinary** and is open to all interested participants. All **faculty members (Permanent/ Temporary/ Adhoc/ Guest), Research Scholars and Students** from any university/college are eligible to participate.

CALL FOR ABSTRACTS

Students, Research Scholars and Faculty members are invited to submit abstracts for poster presentation to be held on Aug 3rd, 2021 from 4 to 5 PM on the theme 'Genetics and Genomics Technologies for Crop Improvement'. Interested participants should send their abstract with a limit of 80-100 words to geneticsgenomicsconf@hrc.du.ac.in on or before 30th July, 2021. Kindly mention the name and email Id of the presenting author in bold.

ORGANISING TEAM

Prof. (Dr.) Rama

Principal, Hansraj College &
Chairperson, MHRFDC

Dr. Jyoti Bhola

Coordinator, MHRFDC

Dr. Vijay Rani Rajpal

Conference Convener
Department of Botany, Hansraj College

Mr. Ashutosh Yadav

Dy. Coordinator, MHRFDC

Dr. Deepmala Sehgal

Conference Co-Convener
CIMMYT, Mexico

Dr. Anand Sonkar

Conference Coordinator
Department of Botany, Hansraj College

Organising Committee Members

Dr. Archana Singh, Department of Botany, Hansraj College

Dr. Romila Rawat Bisht, Department of Botany, Hansraj College