



NAAC ACCREDITED 'A++' GRADE COLLEGE

2022-2023

Name of the Department/Society: Department of Botany, Hansraj College

Name of the Event: 1st Annual National Conference on “Advances in Plant Biology”
APB2022

Date of the Event: 9th December 2022

POSTER:

75 DEPARTMENT OF BOTANY
HANSRAJ COLLEGE
University of Delhi

Organizes the
1st Annual National Conference on
**ADVANCES
IN PLANT BIOLOGY**
Friday, December 9, 2022, 9 AM Onwards

PATRON
Prof. Rama
Principal, HRC, DU

CONVENER
Dr. Arti Mishra
Dr. Ridhi Khurana

CO-CONVENER
Dr. Pooja Jha Maity
Dr. Savita
Dr. Sahil Mehta

**TEACHER
INCHARGE**
Dr. Anand Sonkar

VENUE
Library Auditorium
Hansraj College
University of Delhi
Delhi - 110007

**POSTER
PRESENTATION**
Come showcase
your research on a
National forum!

SPONSORED BY

SPEAKERS

Prof. Akhilesh K. Tyagi
Senior Professor
Department of Plant Molecular Biology
University of Delhi South Campus
New Delhi, India

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

Dr. Gopaljee Jha
Staff Scientist V
National Institute of Plant Genome Research
New Delhi, India

Dr. Ritika Pathak
Associate Manager
Market Development (Biologicals)
Insecticides (India) Ltd.
Delhi, India

Dr. Ashok Ganesan
Product Manager-Field Application Scientist
Premus Life Sciences Pvt. Ltd.
New Delhi, India

Mr. Vikram Subramanian
Director and Founder of Biokart India Pvt. Ltd.
Bangalore, Karnataka, India

insecticides



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Convenors: Dr Arti Mishra and Dr Ridhi Khurana

Co-Convenor: Dr Pooja Jha Maity, Dr Savita and Dr Sahil Mehta

1st Annual National Conference on “**Advances in plant Biology**” **APB2022** was organized by Department of Botany, Hansraj College, University of Delhi on **09.12.2022** at **9.00 AM** onwards. Conference was sponsored by Biokart India Pvt Ltd, Xplorgen and Insecticides (India) Limited.

Venue: Library Auditorium, Hansraj College

Conference was inaugurated by **Prof. Rama** (Principal, Hansraj College), **Prof. Akhilesh Tyagi** (Senior Professor at Department of Plant Molecular Biology, University of Delhi, South Campus) as the Chief Guest and **Dr. Gopaljee Jha** (Scientist at National Institute of Plant genome Research, New Delhi).

Conference received overwhelming 167 online registrations and 7 on-spot registrations. Conference was attended by more than 150 participants including undergraduate and Post Graduate students, Ph.D. scholars, young researchers, proficient teaching faculty, Scientists and people from Industries. Besides Hansraj College, participants came from different colleges of University of Delhi including Ramjas College, Dayal Singh College, Deen Dayal Upadhyaya College, Sri Guru Teg Bahadur Khalsa College, Maitreyi College, Hindu college and Bhaskaracharya College of Applied Sciences. Participants also came from Department of Plant Molecular Biology, University of Delhi - South Campus, Amity University, Noida, Rayat Bahra University, Punjab, Aligarh Muslim University, Indraprastha University and ICGEB, New Delhi. Thirty participants presented their posters in the conference.

The inaugural lecture was delivered by **Prof. Akhilesh Tyagi** (Senior Professor at Department of Plant Molecular Biology, University of Delhi, South Campus) on “Analysis of Rice Gene Function During Development”. He explained that how decoded rice genome sequence suggests that deletion and fusion of chromosomes, whole genome duplication, segmental duplications and tandem duplications have played significant role in shaping the rice genome of about 400 million bases and how this knowledge help practice genomics-assisted molecular breeding.

The inaugural lecture was followed by the second talk, which was delivered by **Dr. Gopaljee Jha** (Scientist at National Institute of Plant genome Research, New Delhi) on “Understanding microbe-microbe interactions for effective control of plant diseases”. The spotlight of his talk was on isolation and characterization of rice associated bacterial strain *Burkholderia gladioli* strain NGJ1 which exhibited broad-spectrum fungal eating (mycophagous) as well as anti-bacterial activity.



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The post lunch session started with the presentation of **Mr Ankit Kumar** from Insecticides (India) Limited on “Biological Products Manufactured along with Future Plans of Insecticides India Ltd.”. Next lecture was delivered by **Dr. Ashok Ganesan** from Premas Life Sciences Pvt Ltd. on “Current trends in Synthetic Biology” followed by lecture of **Mr. Vikram Subramanian** (CEO & Founder, Biokart India Pvt Ltd) on “Application of Genomics in the field of Plant Biology”.

The last invited lecture was delivered by **Prof. Arun Jagannath** (Professor at Department of Botany, University of Delhi) on “The Journey towards DMH11 and the Way Forward” was well perceived by students.

30 participants presented their work during poster presentation session. They were assessed for their presentations and best poster presentation was also selected for award. These tasks ensured active involvement of the participants in the programme. Best poster presentation award was received by Ms Afreen Rashid (ICGEB, New Delhi). The 1st runner-up was Mr Waseem Ayoub Malik (Aligarh Muslim University) and 2nd runner-up was Mr Ishan Tiwari (Amity Institute of Microbial Technology). Consolation prize was given to Ms Himani Agrawal from Amity Institute of Microbial Technology.

In this conference the participants were provided with the unique opportunity to learn recent updates on Plant Biology, Functional genomics, microbe-microbe interactions with pests and pathogen and recent techniques in synthetic biology.

Valedictory session was attended by 85 Students and 10 faculty members. Attendance of valedictory session is attached herewith.



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S.No	NAME	Semester	Roll No
1.	Anup	I st	8138
2.	Shruti	I st	8107
3.	Priytha	I st	8137
4.	Imnan	I st	8157
5.	Sarika	I st	8113
6.	Rashi	"	8119
7.	Gauri	"	8180
8.	Ganesh	I st	9107 (Zoology (Hons))
9.	Sumita Tiwa	1 st	8115
10.	Trisha Sarkar	1 st	8142 8142 [Botany (Hons)]
11.	Ashi Jemna	I st	8172 (Botany Hons)
12.	Tarisha Sah	I st	8176 (Botany Hons)
13.	Khyati Rawat	I st	8178 (Botany Hons)
14.	Shachi	I st	8135 (Botany Hons)
15.	Usha	I st	9095 (Zoology Hons)
16.	Pravesh Punia	I st	9099 (Zoology Hons)
17.	Priya Yadav	I st	8191 (Botany)
18.	Akanksha Verma	I st	8161 (Botany)
19.	Anisha Das	I st	8150 (Botany)
20.	Kalpna	I st	8116 (Botany Hons)
21.	Anushka Nath	I st	8122 (Botany Hons)
22.	Palak Saini	I st	9118 (Zoology Hons)
23.	Vaishnavi	1 st	8102 (Botany Hons)
24.	Jahi	I st	8159 (Botany Hons)
25.	Nisha	2 nd	3183 (Botany Hons)

हंसराज महाविद्यालय

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S.No.	Name	Semester	Roll no.
28	Simran Manchur	Ist	1875
29	Anjali sinha	1st	8177
30	Anju Barya	1st	8111
31	Mani Priya	1st	→ 8156
32	Anshika	5 th	13198
33	Anjali Kumari	1st	9249
34	Ayush	1st	9215
35	ANJALI Srivastava	1st	9214
36	Ummu Habiba	1st	9250
37	Ayush Shakya	1st	9277
38	Ashish kumar	1st	9220
39	Akhind Pratap kumar	1st	9222
40	Ankush bhat	1st	9280
41	Harshit Shukla	1st	8143 (Botany)
42	Mohammad Alishan	Ist	8141
43	Kunal	Ist	8168
44	Amrit Srivastava	Ist	→ 8164
44	Shivam kumar Singh	1st	8167
45	Prakash kumar	1st	8163
46	Vidya Bhushan Chandra	Ist	8124 (Botany)
47	Varun Maheshwari	2nd	8174 (Botany)
48	Narayan	1st	8139 (Botany)
49	Nishant	1st	8195 (Botany)
50	Harsimran	Ist	6716 (Philosophy)
51	Aandepti	III rd	3187 (Botany)
52	Aandral	III rd	3188 (Botany)
53	Ashish Tiwari	III rd	3203 (Botany)
54	Ayushi Tiwari	III rd	3121 (Botany)
55	Kalvir Khanna	III rd	3176 (Botany)
56	Mishra Akash	III rd	3200 (Botany)

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S.No.	Name	Semester/ Year	Roll no.
59	KRISH BOOD	1 st Sem	8109
60	ANIRBAN GOSWAMI	1 st Sem	8148
61	Abhishek	1 st Sem	8118
62	Ritesh	1 st Sem	8145
63	Maithilee Jha	3 rd Sem	3124
64	Tanya Singh	3 rd Sem	3212
65	Gagandeep Singh	3 rd Sem	3146
66	Khushi	3 rd Sem.	3130
67	Nisha	3 rd Sem	3183
68	Priyanka Kumari	3 rd Sem	3159
69	Deepanjali	3 rd Sem	3116
70	Pritya	3 rd Sem	3128
71	Himani	3 rd Sem	3118
72	Vansha	3 rd Sem	3166
73	Jogdeep	3 rd Sem	3210
74	Muskan	3 rd Sem	3125
75	Muskan	3 rd Sem	3199
76	Ranjeet	3 rd Sem	3167
77	Deepali	3 rd Sem	3148
78	Jaihsree		3165
79	Muskan saini		3112
80	Oshi		3101
81	Daravath Jyeshtha	3 rd Sem	3175
82	Souzabh Rulaniya	3 rd Sem	3188
83	Amrit Srivastava	1 st "	8164
84	Aditya	5 th Sem	13225



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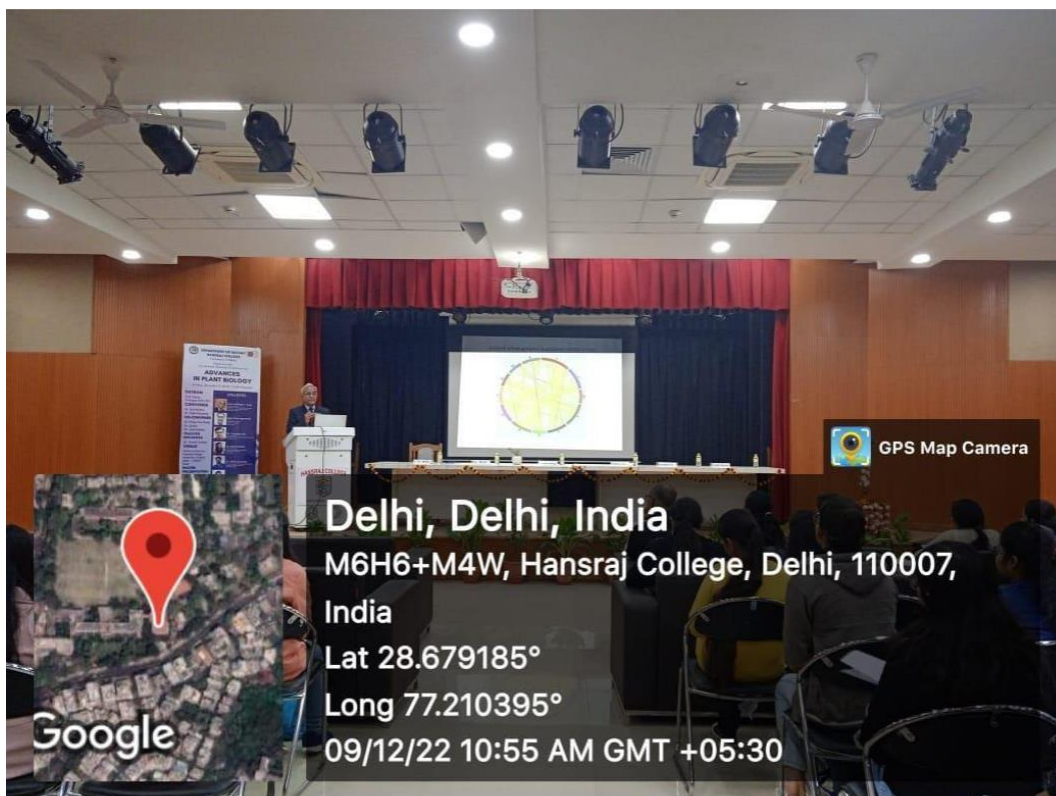
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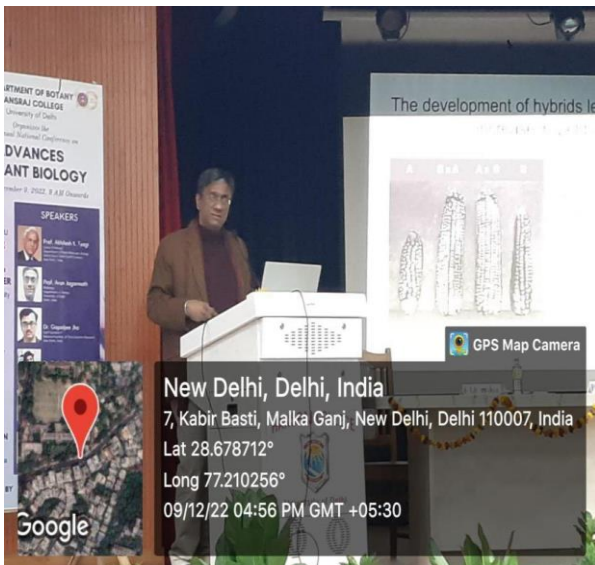
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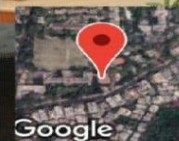
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