

**A brief Report on  
International Symposium on “Innovations in Science”  
organized by  
Institution’s Innovation Council (IIC)  
In collaboration with  
Research and Development Cell (RDC) &  
Department of Botany  
Hansraj College (University of Delhi)**

Brochure

**Hansraj College**  
University of Delhi  
(NAAC grade 'A+' with CGPA 3.62)

Institution's Innovation Council (IIC)  
in collaboration with  
Research & Development Cell (RDC), Hansraj College  
organizes an  
**International Symposium on  
“Innovation in Sciences”**

Join us on



**Invited Speaker**  
**Dr. Petr Maly**  
Head, Laboratory of Ligand Engineering  
Institute of Biotechnology  
Czech Academy of Sciences  
Czech Republic



07.11.2022  
(Monday)





11:00  
11 AM onwards



**Invited Speaker**  
**Dr. Shiv Bharadwaj**  
Scientist  
Institute of Biotechnology  
Czech Academy of Sciences  
Czech Republic

Padma Bhushan Gyan Prakash Chopra Seminar Hall

<b>Dr. Pooja Jha Maity</b> <b>Dr. Sahil Mehta</b> Department of Botany Hansraj College	<b>Dr. Archana Singh</b> Convenor, IIC Convenor, Committee 2, RDC Hansraj College	<b>Dr. Anand Sonkar</b> Teacher-In-Charge Department of Botany Hansraj College	<b>Ms. Alka Kacker</b> Vice Principal and Director RDC Hansraj College	<b>Prof. (Dr.) Rama</b> Principal and Chairperson RDC Hansraj College
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**Convenor:** Dr Archana Singh, Associate Professor, Department of Botany, IIC Convenor and RDC Convenor, Hansraj College, University of Delhi

International Symposium on “Innovation in Sciences” was organized by Institution’s Innovation Council (IIC) and Research, Development Cell (RDC) and Department of Botany, Hansraj College (University of Delhi) on Monday November 7, 2022 at 11:00 am.

Symposium was attended by 12 faculty members from various Departments (Chemistry, Zoology and Botany) and 27 students from Department of Botany.

The first lecture was delivered by Dr Petr Maly (Head, Laboratory of Ligand Engineering, Institute of Biotechnology, The Czech Academy of Sciences). He delivered his lecture on Protein

engineering and how it is helping in developing vaccine against HIV, Cancer and other diseases. His research group **generated Non-cognate ligands of neutralizing antibody paratopes as potential vaccine antigens**. He emphasized on solutions using Non-cognate ligand strategy and immunization cocktail as vaccine.

The second lecture was delivered by Dr Shiv Bharadwaj (Scientist at Laboratory of Ligand Engineering, Institute of Biotechnology of the Czech Academy of Sciences, Czech Republic). He delivered his lecture on the topic: How-to do-good science. He explained that good science depends on a well-designed experiment that minimizes bias by using the appropriate Sample size, Sample selection and Measurement techniques. His generalized talk was very well perceived by students. He also told students that great research need idea, execution and presentation. He emphasized on thinking out of the box, passion for the work and thinking ahead are keys for success in research.

### List of attendees

(Faculty Attendance) International Symposium on "Innovation in Science"

Name	Department
Dr Sonu Kumar	Chemistry
Dr Sunita Gulia	Chemistry
Dr Ishwar Singh	Botany
Dr Arti Mishra	Botany
Dr Savita	Botany
Dr Monika Koul	Botany
Dr I K Singh	Zoology
Dr Archana Singh	Botany
Dr Sahil	Botany
Dr Pooja Jha Maity	Botany
Dr Rashmi Raina	Sir Ganga Ram Hospital
Manisha Yadav	Botany

(Student Attendance) International Symposium on "Innovation in Science"

Name	Course	Roll No.
Harshit Verma	B.Sc. (H) Botany	8112
Narayan	B.Sc. (H) Botany	8139
Uttam Kumar	B.Sc. (H) Botany	8130
Sarika Nareda	B.Sc. (H) Botany	8113
Imran Khan	B.Sc. (H) Botany	
Anushka Nath	B.Sc. (H) Botany	8122
Anshika Arren	B.Sc. (H) Botany	

Tarun Kumar	B.Sc. (H) Botany	8128
Shreyas Umathe	B.Sc. (H) Botany	8117
Mohammad Alishan	B.Sc. (H) Botany	8141
Anup	B.Sc. (H) Botany	8138
Kubar	B.Sc. (H) Botany	8134
Nikhil Tiwari	B.Sc. (H) Botany	8123
Anirban Goswami	B.Sc. (H) Botany	8148
kubar	B.Sc. (H) Botany	8109
Trisha Sarkar	B.Sc. (H) Botany	8142
Astha Jaiswal	B.Sc. (H) Botany	8136
Muskan	B.Sc. (H) Botany	8101
Kartiki Upadhyay	B.Sc. (H) Botany	8149
Rashi Rakesh	B.Sc. (H) Botany	8119
Shruti Kumari Sharan	B.Sc. (H) Botany	8107
Saurav Yadav	B.Sc. (H) Botany	8144
Ashish	B.Sc. (H) Botany	8120
Prutha Saha	B.Sc. (H) Botany	8137
Amit Srivastava	B.Sc. (H) Botany	
Aashutosh Singh	B.Sc. (H) Hindi	1678
Kalpna	B.Sc. (H) Botany	8116
Megha Kumari	M.sc. Botany	
Shrishti Naidu	M.sc. Botany	
Aditya	B.Sc. (H) Botany	
Megha	B.Sc. (H) Botany	
Anshika	B.Sc. (H) Botany	
Arjoo	B.Sc. (H) Botany	
Shreyashi	B.Sc. (H) Botany	
Harsh	B.Sc. (H) Botany	
Akanshita	B.Sc. (H) Botany	
Vishal	B.Sc. (H) Botany	
Nandu	B.Sc. (H) Botany	

