



**HANSRAJ COLLEGE**

**University Of Delhi**

**NAAC Grade A++ with CGPA 3.71**

**NIRF Rank # 12 (Amongst Colleges)**

**(2023-2024)**



**Event Name:-** WORKSHOP ON REVOLUTIONISING DRUG DISCOVERY WITH DESIGN THINKING

**Organized By:-** IIC HRC

**Date:-** 19/02/2024

**Duration:-** 4 hours

**Convener:-** Dr. Ambika

**Coordinator(s):-** Dr. Pratibha and Mr. Suyash

**Number of student Participants:-** 50

**Number of Faculty Participants:-** 4

**Mode of Session Delivery (Online/Offline/Hybrid):-** offline

**Objective of Program:-** highlighting the latest methodologies, tools, and techniques in computational chemistry

**Benefit in Terms of Learning /Skill/Knowledge Obtained:-** an overview of innovation, new ideas and how it can be used in the field of computational chemistry, emphasising its significance in modern research and its interdisciplinary nature especially in drug discovery



# INSTITUTION INNOVATION COUNCIL and DEPARTMENT OF CHEMISTRY



Hansraj College, University of Delhi  
(NAAC ACCREDITED A++ GRADE, CGPA 3.71)

*Organises a workshop on*

## FROM IDEAS TO IMPACT: REVOLUTIONIZING DRUG DISCOVERY WITH DESIGN THINKING



19TH FEBRUARY, 2024  
MONDAY  
1:00 PM ONWARDS  
VENUE : ROOM B3



**Speaker:**

**Prof. Smriti Sharma**

Professor at Department of Chemistry,  
Miranda House  
Research – Design of oral drug  
formulations for Type 2 diabetes mellitus

Mr. Suyash  
Activity  
Coordinator  
IIC-HRC DU

Dr. Pratibha  
Innovation  
Coordinator  
IIC-HRC DU

Dr. Ambika  
Convenor  
IIC-HRC DU

Ms. Alka Kacker  
Vice-President  
IIC-HRC DU

Prof.(Dr.) Rama  
Principal  
President  
IIC-HRC DU

### REPORT ON WORKSHOP ON REVOLUTIONISING DRUG DISCOVERY WITH DESIGN THINKING

On 19th February, 2024 Institution Innovation Council and Department of Chemistry, Hansraj College, University of Delhi organised a workshop on Revolutionising drug discovery with design thinking whose key speaker was Professor Smriti Sharma from Miranda House, University of Delhi. About 50 students attended the workshop. The workshop started with felicitation of Prof Smriti Sharma. The

workshop featured a presentation, interactive session, highlighting the latest methodologies, tools, and techniques in computational chemistry. The workshop commenced with an overview of innovation, new ideas and how it can be used in the field of computational chemistry, emphasising its significance in modern research and its interdisciplinary nature especially in drug discovery. A significant focus was placed on the role of computational chemistry in drug design and discovery. The workshop explored the applications of computational chemistry in materials science and nanotechnology. In the end Dr. Ambika felicitated Prof. Smriti Sharma with an Appreciation letter. It was a great learning experience about innovations and challenges in computational drug designing.

# Chemical Space to Cyber Space



2013 [Nobel Prize in Chemistry](#) to Computational Chemists [Martin Karplus](#) of Harvard University and the University of Strasbourg in France, [Michael Levitt](#) of Stanford University and [Arieh Warshel](#) of the University of Southern California in Los Angeles.

GPS Map Camera



Delhi, Delhi, India  
Hansraj College, Hansraj College, Delhi, 110007, India  
Lat 28.679011°  
Long 77.20842°  
19/02/24 01:44 PM GMT +05:30



| R.No. | Name                | Course              | Year              | Signature |
|-------|---------------------|---------------------|-------------------|-----------|
| 3284  | Satinder Singh      | Chem (H)            | III <sup>rd</sup> |           |
| 3256  | Anurag Bhatnagar    | Chem (H)            | III <sup>rd</sup> |           |
| 3273  | Kamran Singh Kauran | Chem (H)            | III <sup>rd</sup> |           |
| 3282  | Sahil Prakash       | Chem (H)            | III <sup>rd</sup> |           |
| 3257  | Akshay              | Chem (H)            | III <sup>rd</sup> |           |
| 3299  | Ankit Yadav         | Chem (Hons)         | III <sup>rd</sup> |           |
| 3213  | Himanshu K. Dubey   | Chem (H)            | III <sup>rd</sup> |           |
| 10885 | Yash Agrichaiti     | B. A. (H) Economics | I <sup>st</sup>   |           |
| 10871 | Raj Nagar           | B. A. (H) Economics | I <sup>st</sup>   |           |
| 10895 | Sachin              | B. A. (H) Economics | I <sup>st</sup>   |           |
| 10949 | Susha Nagar         | B. A. (H) Economics | I <sup>st</sup>   |           |
| 10891 | Ananya Bhajapati    | B. A. (H) Economics | I <sup>st</sup>   |           |
| 10835 | Yash Chandra        | B. A. (H) Economics | I <sup>st</sup>   |           |
| 3290  | Dikshu Dabwal       | B.Sc. Chem (Hons)   | III               |           |
| 3215  | Diksha Tiwari       | B.Sc. Chem (Hons)   | III               |           |
| 3316  | Sheetal Jadan       | B.Sc. Chem (Hons)   | III               |           |
| 3265  | Anjali              | B.Sc. Chem (Hons)   | III               |           |
| 3310  | Vansha              | B.Sc. Chem (Hons)   | III               |           |
| 3298  | Saurabh             | B.Sc. Chem (Hons)   | III               |           |
| 3317  | Aduan               | B.Sc. Chem (Hons)   | III               |           |
| 3287  | Hrish               | B.Sc. Chem (Hons)   | III               |           |
| 3279  | Gaurav              | B.Sc. Chem (Hons)   | III               |           |
| 3218  | Vivek               | B.Sc. Chem (Hons)   | III               |           |
| 3343  | Sukhmanpreet Kaur   | B.Sc. Chem (Hons)   | III               |           |
| 3364  | LIPSA Sahu          | B.Sc. Chem (Hons)   | III               |           |
| 3300  | Vanshika Sharma     | B.Sc. Chem (Hons)   | III               |           |
| 3359  | Nikhil Kumar        | B.Sc. Chem (Hons)   | III               |           |
| 3277  | Chetan Kumar        | B.Sc. Chem (Hons)   | III               |           |
| 3294  | Radhika             | B.Sc. Chem (Hons)   | III               |           |
| 3289  | Ayush Sudar         | B.Sc. Chem (Hons)   | III               |           |
| 3307  | Arjun Patra         | B.Sc. Chem (Hons)   | III               |           |
| 3304  | Archi Kumar         | B.Sc. Chem (Hons)   | III               |           |
| 13334 | Aarush Kumar        | B.Sc. Chem (Hons)   | I <sup>st</sup>   |           |
| 13292 | Bhavana             | B.Sc. Chem (Hons)   | I <sup>st</sup>   |           |
| 13325 | Mishthi Sharma      | B.Sc. Chem (Hons)   | I <sup>st</sup>   |           |
| 13212 | Shan Bharadwaj      | B.Sc. Chem (Hons)   | I <sup>st</sup>   |           |
| 14380 | Dalit Kumar         | B.Sc. Chem (Hons)   | I <sup>st</sup>   |           |
| 3295  | Diya                | B.Sc. Chem (Hons)   | III <sup>rd</sup> |           |
| 3296  | Madhusima Nandaa    | B.Sc. Chem (Hons)   | III <sup>rd</sup> |           |
| 3308  | Carolina Gupta      | B.Sc. Chem (Hons)   | III <sup>rd</sup> |           |
| 3291  | Smrati Kaur         | B.Sc. Chem (Hons)   | III <sup>rd</sup> |           |
| 3297  | Deena Gantam        | B.Sc. Chem (Hons)   | III <sup>rd</sup> |           |
| 3339  | Nehanth             | B.Sc. Chem (Hons)   | III               |           |
| 3349  | Vaishali Chandel    | B.Sc. Chem (Hons)   | III               |           |
| 3363  | Trishita Kumari     | B.Sc. Chem (Hons)   | III               |           |
| 13307 | Megha Bisht         | B.Sc. Chem (Hons)   | I <sup>st</sup>   |           |
| 13313 | Kanya Jaiswal       | B.Sc. Chem (Hons)   | I <sup>st</sup>   |           |
| 13281 | Uday Rajput         | B.Sc. Chem (Hons)   | I <sup>st</sup>   |           |