



HANSRAJ COLLEGE
University Of Delhi
NAAC Grade A+ with CGPA 3.62

2017-2018

Name of the society: BOTANIQUE

Event 1: Nitrosylation mediated Nitric Oxide (NO) signalling in cold stress in *Brassica juncea* seedlings

Date: 8 September, 2017

Convenor: Dr. Satyakam Guha

President: Paras Malik

Under the aegis of DBT star college programme a lecture was organised titled “Nitrosylation mediated Nitric Oxide (NO) signalling in cold stress in *Brassica juncea* seedlings” by respected guest speaker Dr. Prof. Renu Deswal. The lecture made students familiar with stress tolerance developed by *Brassica* seeds against low temperature. The talk was very informative for the students and students were also thankful to the speaker for such a detailed elaboration of the topic which was later followed by a question-answer session.

Event 2: Algal Microbiome

Date: 19 July, 2017

Convenor: Dr. Satyakam Guha

President: Paras Malik

Under the aegis of DBT star college programme an interactive session was organised titled “Algal Microbiome” delivered by Dr. Alok Arun (Assistant Professor, Institute of Sustainable Biotechnology, Inter American University of Puerto Rico-Barranquitas). The speaker familiarised students with the diversity of algal microbiome and its evolutionary lineage. The lecture was very informative especially for first year students studying Phycology that term. The speaker also cleared doubts of students regarding the opportunities and process in pursuing further education in American Universities.

Event 3: Lecture on Drug Discovery – multi drug resistant TB

Date: 9 January, 2018

Convenor: Dr. Satyakam Guha

President: Paras Malik

Under the aegis of DBT star college programme a lecture was organised, titled “Drug Discovery-multi drug resistant TB” by Dr. Anil Koul, Director IMTECH, Chandigarh. The guest was lead in development of drug – Bedaquiline, used for treatment of MDR – TB. The speaker informed the students about the procedures involved in development of the drug and various stages involved in bringing that to level of public utilisation. The lecture was very useful for students studying Industrial Microbiology and Biotechnology that term. The students were mesmerised by knowing the effect a single drug discovery can have on society and the years of hardwork put behind developing the drug which motivated students to take up research post-graduation.



हंसराज कॉलेज
— दिल्ली विश्वविद्यालय —

HANSRAJ COLLEGE
University Of Delhi
NAAC Grade A+ with CGPA 3.62

Event 4: RNA Interference: Biology and Applications in Agriculture

Date: 9 February, 2018

Convenor: Dr. Satyakam Guha

President: Paras Malik

Under the aegis of DBT star college programme a lecture was organised titled “RNA Interference: Biology and Applications in Agriculture” delivered by guest speaker Prof. M.V.Rajam, Department of Genetics, University of Delhi. The speaker gave a detailed explanation of RNAi and its various applications in agriculture to tackle the modern-day challenges wrt climate change, stress tolerance, increase in productivity etc. The speaker also encouraged students to apply the concept in their future projects and also guided them about future prospects in this field.

Students who attended the lecture:

1. Paras Malik
2. Devarsh
3. Manshi Gaur
4. Tanya Singh
5. Akriti Kumar
6. Tripti Sharma
7. Prashant Singh
8. Devashish Singh
9. Rahul Chouhan
10. Abhinav
11. Chandrasekhar Sai
12. Shivani Sharma
13. Md. Amir
14. Jatin Kumar
15. Ayushi Malik
16. Surbhi Singh
17. Lipika
18. Neelima
19. Muskhan
20. Ishita Singh
21. Akrti Tripathi
22. Harshita Singh
23. Shubham Rana
24. Tannya Tripathi
25. Khwaijaue jyoti
26. Zenithka chanam
27. Nitin Singh



हंसराज कॉलेज
— दिल्ली विश्वविद्यालय —

HANSRAJ COLLEGE
University Of Delhi
NAAC Grade A+ with CGPA 3.62

28. Jasqueen Bhatti
29. Mogul Bavoria
30. Lavanya Mittal
31. Harshita Sharma
32. Disha Virmani
33. Samridhi Mehta
34. Subhendu Raj