

EDUCATIONAL VISIT TO NATIONAL BUREAU OF PLANT GENETIC RESOURCES, NEW DELHI-110012.

DATE: 7TH JUNE 2023

TIME: 10.30AM



**Department of Botany,
Swami Shraddhanand College,
Alipur, Delhi-110036.**

ABOUT THE VISIT:

An educational tour of semester II students of B.Sc. Applied Life Science and B.Sc. (Hons.) Botany to National Bureau of Plant Genetic Resources, New Delhi was conducted on 7th June 2023. Dr. Bhawna Saxena and Ms. Madhulika Singh, accompanied the students during the visit.

The trip was arranged for the students studying paper entitled 'Economic Botany'. The aim of this trip was to provide a wide range of experience to students about the plant genetic resources of many indigenous crops and forest plant species managed by National Institute.

The visit provided a great exposure to the current plant biotechnological approaches, with special emphasis on germplasm conservation and plant tissue culture, which is the major aim for which the NBPGR was instituted. Students were briefed about the main mandates and functioning of the NBPGR by Dr. A.D Sharma, Technical officer, Germplasm Conservation Division. The students were also made aware about the germplasm collection, evaluation and conservation activities being carried out at the institute. There were also arrangement for lectures and one short film related to germplasm evaluation and conservation followed by an interactive session. Besides, the visit also provided great exposure to various laboratory instruments and facilities.

Students also visited the Plant Germplasm Conservation Museum at NBPGR where Dr. Preeti described the various methods used in germplasm conservation with special emphasis on cryopreservation technique. Students were also made aware about the designing and importance of cryosuits and cryotanks.

LIST OF STUDENTS

The following students from Swami Shraddhanand College attended the educational visit to National Bureau of Plant Genetic Resources, ICAR Complex, New Delhi on 7th June 2023.

B.Sc. Applied Life Science Sem II

1. Tanu Patel
2. Atul Kumar
3. Anurag

4. Krishan Kant
5. Aditya Kumar
6. Girish Malhotra
7. Rachit Gupta
8. Sourabh Goswami
9. Suman rai
10. Karunesh Pancham
11. Akshit Pandey
12. Yashika Saini
13. Shifa Pasha
14. Kanchan
15. Sanya
16. Khusboo Khan
17. Anuj Kumar Rai

B.Sc. (H) Botany Sem II

1. Harsh Kumar
 2. Anshita Mishra
 3. Samridhi Saxena
 4. Sushmita
 5. Nancy Rathore
 6. Nandini
 7. Abdullah
 8. Riya Tomar
 9. Shamna Fidha P P
 10. Abhishek Kumar
 11. Ruchi
 12. Aliya Saba
 13. Vibha Bhargav
 14. Mohit Sharma
 15. Sushant Kumar
 16. Aparna
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PHOTOGRAPHS OF THE VISIT



Lecture on Germplasm Collection and Conservation



Visit to the Plant Germplasm Resource Museum

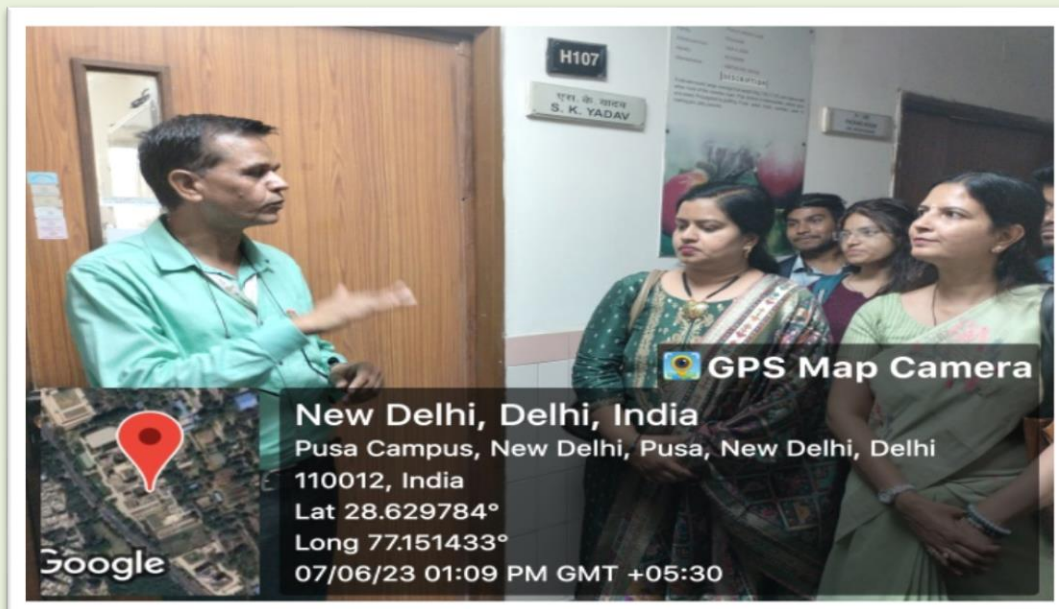


Dr. Preeti explaining students about the Cryopreservation Techniques





Germplasm Evaluation explained by Dr. S. K. Yadav





Visit to Tissue Culture Laboratory



FEEDBACK FROM STUDENT:

NBPGR visit
Abhishek 1st Year Botany (4, Adit...)

~ **Prashant** +91 88003 32170
My experience at NBPGR was great, I received many valuable information from that trips. Thankyou Dr. Bhawna ma'am and Dr. Madhulika ma'am for that valuable and knowledgeable visit. 13:49

~ Anuj Rai left

~ **Anshita Mishra** +91 85955 34522
The NBPGR visit was a wonderful experience for me. Firstly I thank to Dr. Bhawna ma'am and Dr. Madhulika ma'am for their assistance and support. At NBPGR I practically learned many new things about plant genome and genebank and all. Their staff and guides show positive guidance. I am very pleased as a part of this trip. 20:47

NBPGR visit
Abhishek 1st Year Botany (4, Adit...)

~ **Shifa** +91 93109 72292
It was a great experience, Thanks to Dr. Bhawna ma'am and Dr. Madhulika ma'am to organise it and guided us. We got a chance to learn many things because of these great teachers. 😊 20:39

~ **Nancy Sem1**
It was a exiting experience at NBPGR . To be able to see and know all those wonderful things and meeting those great people working there, really motivated me . It is really enlightening to know how many more things are there, that we have have no idea exist ,that we overlook in our daily life. Thanks to all of people who made this possible for us. 20:47

NBPGR visit
Abhishek 1st Year Botany (4, Adit...)

~ **Aparna Gupta Sem1**
As a B.Sc. hons Botany student this field visit to NBPGR was influencing and informative. the campus was well-organized and impressive laboratories and fields. I had oppourtunity to interact with scientists working at NBPGR. Plant Tissue culture laboratories were well maintained and amazing and shows the importance of conserving and utilizing plant genetic resources in various technologies for sustainable agriculture. Thanks to Dr Bhawna Saxena Mam and Dr. Madhulika Mam for arranging this field visit. 20:47

~ **Samridhi Saxe...** +91 93108 07782
My experiece of visiting NBPGR was extremely great. I learnt a lot of new things which were very interesting and will surely help me in my studies further . A very big

NBPGR visit
Abhishek 1st Year Botany (4, Adit...)

~ **Atul Kumar** +91 78701 42239
My heartfelt appreciation for organising visit to NBPGR It was a great experience having such a informative visit . Special thanks to Dr. Bhawna ma'am and Dr. Madhulika ma'am to organise it . It would be great pleasure if we get more oppourtunities like this . 20:21

~ **Tanu** +91 73550 28415
I had a wonderful time at NBPGR , it was great experiece having such a informative visit . Have seen and learnt new things. Special thanks to Dr. Bhawna ma'am and Dr . Madhulika ma'am for providing us this oppourtunity. 20:26

NBPGR visit
Abhishek 1st Year Botany (4, Adit...)

~ **Samridhi Saxe...** +91 93108 07782
My experiece of visiting NBPGR was extremely great. I learnt a lot of new things which were very interesting and will surely help me in my studies further . A very big thanks to Dr. Bhawna ma'am and Dr. Madhulika ma'am for organising this absolutely informative trip for us. 20:48

~ **Yashika Saini** +91 78387 36657
The trip was amazing and I feel so lucky to have had this experiece , we learnt many things from this trip and I am great thankful to Dr Bhawan Saxena mam and Dr Madhulika mam for arranging this wonderful trip . 20:48

NBPGR visit
Abhishek 1st Year Botany (4, Adit...)

~ **Riya Tomar** +91 96674 87658
The visit to NBPGR was an amazing experiece . Everyone working there was so professional and enlightening . It was astounding to visit those labs. Learnt a lot of new things. Thanks to Dr Bhawna ma'am and Dr Madhulika ma'am for this great oppourtunity. 22:09

~ **Anurag** +91 94106 61273
It was an amazing day with exciting experiece at NBPGR. I got the privilege to know about different things related to my subject leading in increasing my interest about the same. I am very much thankful to Dr. Bhawna ma'am and Dr. Madhulika ma'am for giving me this oppourtunity of visiting the institute and arranging this wonderful trip. Thank you so much 22:16