Tirumala Tirupati Devasthanams
శ్రీ వేంకటేశ్వర కళాశాల
Sri Venkateswara College
(University of Delhi)
NAAC Grade A+

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SRI VENKATESWARA COLLEGE
(UNIVERSITY OF DELHI)

EVENT REPORT

NAME OF THE EVENT: Outdoor Activity - Educational visit of B.Sc. (Hon.) Botany, Semester III Students to 'Botanical Garden of India Republic (BGIR)' on 22nd October, 2024.			
DATE	**DEPARTMENT**	**COMMITTEE/SOCIETY**	**COORDINATORS' NAME**
22/10/2024	Botany	Department of BOTANY	**Teacher-In-Charge** Dr. Pooja Gokhale Sinha **Event Coordinators –** Dr. Muthabathula Prajna Dr. Madhu Raina
TIME	**VENUE**	**NUMBER OF PARTICIPANTS**	**NATURE: Outdoor/Indoor; online/offline/hybrid**
09:30 AM	Botanic Garden Indian Republic (BGIR), Noida.	26	Outdoor
FINANCIAL SUPPORT/ASSISTANCE (if any):	NA/ Self		

BRIEF INFORMATION ABOUT THE ACTIVITY

TOPIC/SUBJECT OF THE ACTIVITY	Field Visit to **Botanic Garden Indian Republic** (BGIR): To learn and catalogue the Plants and study Herbarium.
OBJECTIVES	• The main objective of conducting this Educational Field trip for students is to provide experiential learning and cataloguing of the plants in an area with emphasis on Bryophytes, Pteridophytes and Gymnosperms. • To study and understand the vegetation. • To understand the role of BGIR in conservation of plant diversity.

	• To study the concept and techniques of Herbarium.
METHODOLOGY	• To go through the garden and explore the different sections those are maintained. • To list out the plant species through proper identification and photographing for digital cataloguing process. • Explanation related to the garden and sections – with different plants and their importance by the accompanied teachers Dr. Muthabathula Prajna and Dr. Madhu Raina. • Observation of the Herbarium specimens. • Interaction with the Scientists of BSI to know more details about the BGIR and BSI in plant conservation.
INVITED SPEAKERS WITH AFFLIATION DETAILS (IF ANY)	**Interacted Scientist: Dr. G.S. Panwar, Scientist E, BGIR, Noida.**
OUTCOMES	• Field trips are a way to enhance the learning abilities and understanding of the students. • The students experienced the organization of a Botanical garden and its maintenance. • Study and list the plants. • Digital Cataloguing for future reference.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1 Notice & Letters ✓	2 Number of Participants & Name of participants ✓	3 Video clip	4 Photos ✓	5 Feedback Form &analysis
6 News clip with details	7 Sample Copy of the Certificate ✓	8 Posters/ Invites	9 Event report Attested by Event Coordinator & IQAC Coordinator ✓	10 Any other document

Departmental file no:SVC/FAA/2024-25/October 2024/Outdoor/5
IQAC File No:SVC/IQAC/FAA/2024-25/October 2024/Offline5
Criterion No: II, III, VII
NAME OF EVENT-IN-CHARGE & SIGNATURE: Dr. Muthabathula Prajna Dr. Madhu Raina

Note: Please fill in your own details in places with red font

For Reference

Criterion I	Curricular Aspects (planning & Implementation)		Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation		Criterion VI	Governance, Leadership & Management
Criterion III	Research, Innovations & Extension		Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure			

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PERMISSION FOR ORGANIZATION OF EVENTS

NOTE: 1.Please ensure a pre booking of the venue before getting the permission letter signed.
2. A copy of this duly filled form signed by the TIC/ Convener, IQAC Coordinator and Principal shall be submitted to ICT and/or Caretaker for necessary action.
3. Please ensure that the completion certificate of the event is physically signed by the Convener of the event, IQAC Coordinator and Principal after the event report is made.

EVENT DETAILS

1. Name of the Department/Society/Association: BOTANY
2. Name of the TIC and/or Convenor: Prof./Dr./Mr./Ms. Dr. Madhu Raina
3. Proposed Title of the Event: Field Trip to BSIP- Indian Republic, Botanical Garden of NOIDA
4. Nature of Event: Seminar/Conference/Symposium/Workshop/FDP/Public or Community outreach/ Skill enhancement/others (Please specify) Study Tour (III Semester) B.Sc. (H) Botany (Total: 29 students)
5. Participants: Student-centric /Faculty/ Other stakeholders (Please specify) Students and Faculty
6. Event Type: Offline/Online/Hybrid; Indoor/Outdoor
7. Collaborating Agency /Organization (If any): NA
8. Tentative List of Speakers with affiliations: NA
9. Date & Time (from – to): 22.11.2024; 9.30 AM – 5.00 PM
10. Financial Assistance/ Funding received (if any) (Please specify amount): Self Funded
11. Proposed Budget (please attach details in a separate enclosure):

12. Faculty responsible for Geo Tagged Pictures ..... Dr. M. Prajna .....

13. Faculty responsible for Event Report ..... Dr. M. Prajna ; Dr. Madhu Raina .....

14. ICT support required, if any (ICT Lab, Laptop, LCD projector) — NIL .

15. Caretaker support required (tables, chairs, public addressing system, sanitation, manpower assistance)

16. Venue requirement (Seminar hall/ Ground/others) ..... NA .....

8/10/24 M. Parmar Madhu Raina

TIC/Convenor

Date: 08.10.24

For official purpose — Part of curricular activity (practical Day).

Comments (If any) — Theory classes will be adjusted later in consent with respective Teachers.

for Richa Misra

IQAC Coordinator

Date:

Principal 16/10/24

Date:

Attendance

Top 15 - BGIR B.Sc (H) Botany Sem - III Date : Oct. 22, 2024.

Morning Evening -

1	Siddharth	Siddharth	P
2	Pragati Gupta	Pra	P
3	Jagrati Bhardwaj	Jagrati	P
4	Kritika Sah	Kritika	P
5	Soniya meena	Soniya	P
6	Sakshi Kumari	Sakshi	P
7	Shruti	shruti	P
8	Ankita Padiya	Ankita	P
9	Alka Rani	Alka	P
10	Srishti	Srishti	P
11	Riya	Riya	P
12	Aryan	Aryan Kr.	P
13	Atul	Atul	P
14	Deepak	Deepak Dutt	P
15	Aman	Aman	P
16	Sahil	Sahil Negi	P
17	Sreelekshmi.s	Sreelekshmi	P
18	Tasiba Dinesh	Tasiba	P
19	Neiphrekhonuo	Neiphrekhonuo	P
20	Gauri Thakur	Gauri	P
21	Suhani Yadav	Suhani	P
22	Aayushi Nain	Aayushi	P
23	Shrishti Dubey	Shrishti	P
24	Danish Baboria	Danish	P
25	Aksh	Aksh	P
26	Vibhor	Vibhor	P

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पूर्णताप्रमाण पत्र
COMPLETION CERTIFICATE

यहप्रमाणितकियाजाताहैकि (शीर्षक) को (तारीख) को (समय) पूर्वाह्न/अपराह्नसे ..... पूर्वाह्न/अपराह्नतक (विभाग/समिति) द्वारा (ऑनलाइन/ऑफ़लाइन/हाइब्रिड) माध्यममेंसफलतापूर्वकआयोजितकियागयाऔरइस कार्यक्रम कीरिपोर्टअभिलेख केलिएआंतरिक गुणवत्ताआश्वासन प्रकोष्ठ (IQAC)कोजमाकरदीगईहै।

This is to certify that the Field visit to Botanic Garden Indian Republic (BGIR), Noida, UP was successfully conducted on 22.10.2024 from 09:30 am to 05:00 pm by Dr. Muthabathula Prajna and Dr. Madhu Raina of Department of Botany in the Offline mode and its event report has been submitted to IQAC for records.

M. Prajna 12.12.24 Madhu Rani 12.12.24
Event In-Charge

12/12/2024
IQAC Coordinator
Coordinator, IQAC
Sri Venkateswara College
(University of Delhi)
Dhaula Kuan, New Delhi-110021

12/12/24
Principal
प्रधानाचार्य
Principal
श्री वेंकटेश्वर महाविद्यालय
Sri Venkateswara College
दिल्ली विश्वविद्यालय / University of Delhi
धौला कुआँ, नई दिल्ली / Dhaula Kuan, New Delhi-21

ACTIVITY REPORT

Botanic Garden of Indian Republic (BGIR) is located on the banks of river Yamuna in Noida, UP which is easily commutable from New Delhi. This is a unit of Botanical Survey of India (BSI). It is with a mission to mobilize botanic gardens and engage partners in securing plant diversity for the well-being of people and the planet. This garden is large with measuring 164.85 acres, which would serve as a nodal centre for conservation research and environmental education/awareness. The garden is sectioned into gardens for different plant species, houses a herbarium, seed bank, taxonomy garden, Nursery, composting unit and Library.

The herbarium is with a collection of 1500 specimens of Angiosperms collected from NCR and BGIR. The garden has a collection of approx. 350 species (introduced) includes herbs, shrubs and trees and there are 26 threatened and endemic species introduced for conservation. Interesting aspect is that *Hildegardia populifolia* (Roxb.) Schott. & Endl a critically endangered species of which only 18 trees are left in the wild is well preserved in BGIR with more than 15 individuals.

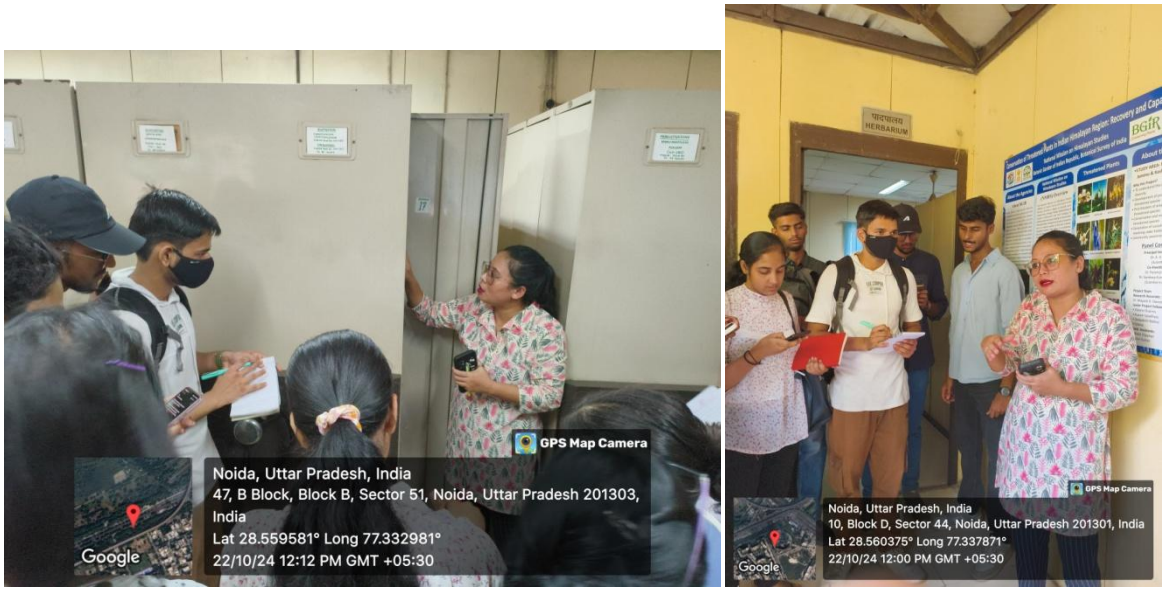
Seed bank is involved in collection and storage of seeds from the garden as well as from other places in the country. It is also engaged in seed germination, collection of seedlings (including endemic and threatened plants), quality evaluation, storage, and developing seed data base of indigenous plant species introduced in the garden.

Taxonomy garden is introduced with representative plants arranged according to Bentham and Hooker's classification system which helps the student visitors to understand more about the practicality of this classification system and serves to popularize the taxonomy. There are around five nurseries to acclimatize the introduced species to the garden and the cluster of four nurseries serves for propagation and multiplication of species. This nursery also involved in the local distribution of the saplings rose.

A vermi-composting unit here models the biowaste management practice into manure preparation for the garden necessities. This serves as a good model to create awareness among students and public. The Library here has a good collection of books and journals. It holds about 1500 books and 35 journals on floristic, taxonomy, ecology, horticulture, environmental sciences and other disciplines of life sciences like Algae, Fungi, Lichens, Bryophytes, Pteridophytes, Ethnobotany, Medicinal plants and Forestry. It also contains the Monumental work of J.D. Hooker's "The Flora of British India" and pictorial books on garden plants.

As a whole it's a treatise to the students to visit this place. The Scientists and Scientific staff of BGIR were of great support and help. Dr. G. S. Panwar, Scientist E currently working at this unit interacted with the students and delivered a lecture on Botanical Survey of India (BSI) – History, Significance and present working areas with an emphasis on the BGIR, Noida unit. The other scientific staff accompanied the students with a tour of the whole garden into different sections explaining the working conditions and importance of the plants belonging to these sections.

Students got an excellent chance to get to see and know about the Herbarium collection maintained at this unit comprising of very old specimens dated back to the times of BSI establishment which were made by the then pioneer Botanists of India. It's a wonderful opportunity for the Botany students to witness the Herbarium collections that stood as a testament for the efforts of people to contribute for the plant identification since time immemorial. Overall this trip broadened the horizon on Botanical aspects of the students and we sincerely thank the BGIR staff for their support.



In Picture: Interaction of students with the scientific staff at Herbarium, BGIR.

The following plants were studied and photographed for digital cataloguing:

Our main focus was on the plant groups like Bryophytes, Pteridophytes and Gymnosperms, but the garden's climatic conditions are not that suitable for the growth of the groups like Bryophytes and Pteridophytes for now hence they were not spotted in the garden. As for the Gymnosperms, we found a few species like *Cycas*, *Thuja*, *Cupressus* in good number, these species were introduced and are well maintained in the garden.



Botanical name: *Cycas revoluta*
Common name: Sago palm
Family: Cycadaceae



Botanical name: *Thuja occidentalis*
Common name: White cedar
Family: Cupressaceae

Other plants that were studied in the garden were mostly belonging to the group of Angiosperms and there was a dedicated section for the cacti where different varieties of cacti were maintained in xerophytic plant section.



Geo-tagged Pictures clicked during the visit:





In pictures (Above): Group of students of B.Sc., Botany (H.) III Semester & B.Sc., (H.) Biological Sciences (V Semester) with Dr. G.S. Panwar, Scientist E, accompanying teachers Dr. Muthabathula Prajna and Dr. Madhu Raina and other staff of BGIR at BGIR garden.