



Tirumala Tirupati Devasthanams

శ్రీ వేంకటేశ్వర కళాశాల

Sri Venkateswara College

(University of Delhi)

NAAC Grade A+

**SRI VENKATESWARA COLLEGE
(UNIVERSITY OF DELHI)**

EVENT REPORT

NAME OF THE EVENT: Educational Visit to Jal board, Sonia Vihar Water Treatment Plant			
DATE	DEPARTMENT	COMMITTEE/SOCIETY	COORDINATORS' NAME
6th November 2025	Department of Botany	Department of Botany	Dr. Pamil Tayal Dr. Aditi Kothari
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor; online/offline/hybrid
11:00 AM to 4:00 PM	Jal Board, Sonia Vihar Water Treatment Plant	27	Outdoor; Offline
FINANCIAL SUPPORT/ASSISTANCE (if any):	No		

BRIEF INFORMATION ABOUT THE ACTIVITY

TOPIC/SUBJECT OF THE ACTIVITY	Educational Visit to Jal board, Sonia Vihar Water Treatment Plant
OBJECTIVES	The primary objective of the visit was to familiarize students with the practical operations of a metropolitan water treatment system. The visit aimed to help them understand how raw water from rivers like Ganga and Yamuna is purified and distributed across Delhi. It also emphasized sustainable management of natural resources, highlighting the technological and environmental aspects of water treatment.
METHODOLOGY	The methodology was explained by Dr. Shashank Sharma, Mechanical Engineer at Jal board Water Treatment Plant. He guided students through various treatment units, elaborating on

	<p>the scientific and mechanical aspects of each. The session included:</p> <ul style="list-style-type: none"> • Initial water intake from rivers and its transfer to large tanks. • Observation of the transformer room ensuring continuous energy supply. • Demonstration of cascade aerators that enhance oxygenation and remove odorous gases. • Explanation of pulsators and pre-settler chambers used for sedimentation. • Overview of filtration and chlorination processes ensuring safe potable water. <p>Students actively engaged during the discussion, observing each process in sequence and clarifying doubts about engineering and environmental integration.</p>
OUTCOMES	<p>Students gained first-hand understanding of how raw water is treated for safe human consumption. They explored the sequence of physical, chemical, and biological steps involved in water purification. The visit provided insight into the following stages:</p> <ol style="list-style-type: none"> 1. Water intake and sedimentation in the main tank. 2. Energy management at the transformer room. 3. Aeration through cascades. 4. Sedimentation in pulsators and pre-settler units. 5. Filtration and chlorination. 6. Final distribution through supply chambers. <p>The visit strengthened the students' practical understanding of environmental science and public resource management, bridging theory with real-world practice.</p>

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/BOT/2025-26/NOV2025/OFFLINE

IQAC File No: SVC/IQAC/BOT/2025-26/ NOV2025/OFFLINE

Criterion No:

NAME OF EVENT-IN-CHARGE & SIGNATURE:

Dr. Pamil Tayal



Dr. Aditi Kothari



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		

Activity Report

The Department of Botany organized an educational field visit to the Gelboard Water Treatment Plant, Sonia Vihar, on the 6th of November, 2025. The objective of this visit was to provide students with direct exposure to one of Delhi's major water treatment facilities and to understand the complete cycle of water purification—from raw water intake to its supply as potable water to households. This initiative aimed to bridge the theoretical concepts of environmental science with practical learning.

Commencement of the Visit:

The visit began at 11:00 AM with the arrival of faculty members and students at the Gelboard campus. They were welcomed by Dr. Shashank Sharma, Mechanical Engineer at Gelboard, who provided an introductory briefing about the facility's purpose and capacity. He explained the crucial role of the Sonia Vihar plant in meeting Delhi's water supply requirements and its integration with the Ganga and Yamuna river systems.

Process Demonstration and Interaction:

Dr. Sharma led the group through the various sections of the plant, explaining each step of the purification process. The visit covered the transformer control room, cascade aeration units, pulsator tanks, pre-settlers, and filtration chambers. Students learned how raw water is aerated to remove dissolved gases, sedimented to eliminate solid particles, and disinfected using chlorination before being distributed to different parts of the city.

Students also interacted with the plant engineers, asking questions related to maintenance, energy management, and environmental compliance. This interaction helped them appreciate the integration of engineering design with environmental protection principles.

Outcome of the Visit:

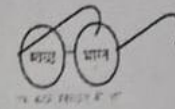
By the end of the visit, students developed a thorough understanding of the mechanical and environmental aspects of water treatment. They recognized the importance of such large-scale facilities in urban sustainability and public health. The exposure inspired students to think critically about resource management, sustainable technologies, and water conservation. The visit concluded with a group discussion summarizing the learning outcomes and expressing gratitude to the Gelboard team for their cooperation.

Overall, the educational visit proved to be an informative and practical learning experience. It aligned well with the Department's objective of fostering environmental awareness and technical understanding among students.

Pictures:



DELHI JAL BOARD, GOVT. OF NCT OF DELHI
PUBLIC RELATIONS OFFICE
VARUNALAYA PHASE-II, KAROL BAGH
NEW DELHI 110005
E-mail : prodjb115@gmail.com, (O) 011-23516261



No. DJB/PRO (W)/VISIT/2025/ 1352 to 1358

Dated: 29.10.2025

To,
Dr. Pamil Tayal,
Department of Botany, Shri Venkateswara College,
University of Delhi, New Delhi-110021

Subject: Permission to visit Sonia Vihar WTP of DJB

Please refer to your letter 08.10.2025, on the above cited subject. In this connection it is to inform you that the Competent Authority has allowed 30 GNM & 20 Undergraduate Students with 4 Teachers of above institution to visit Sonia Vihar Water Treatment Plant on the following date and time :-

Date	Name of Water/ Sewage Treatment Plant	Time	No. of students/ faculty members
06.11.2025	Sonia Vihar Water Treatment Plant	11.00 A.M. to 04.00 PM	20 + 4 Nos.

In this regard, it is essential that all safety protocols are strictly adhered to during such visits. It shall be the responsibility of the respective Plant/Project incharge will be responsible for the security of visitors as well as security of DJB assets.

The Plant/Project Incharge must verify compliance and maintain a record of adherence to these protocols during the visit session.

Visitors are being allowed to get Visit subject to the terms & conditions are hereunder:-

1. All Visitors shall follow all safety and security protocols at Plants, Offices, Installations, and Training Places.
2. All visitors must carry a valid Identity Card (I-card) with them during the visit.
3. That the visitor (s) will abide by the rules & regulations of Delhi Jal Board.
4. That the visitor(s) will follow the instruction of their Supervisor.
5. That the visitor(s) will maintain good conduct, discipline & decorum in the office premises.
6. That the visitor (s) will not make loss of any property of Delhi Jal Board.



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: Department of Botany
2. Name of the TIC and/or Convenor: Prof./Dr./Mr./Ms. Dr. Pankaj Tayal - convener
Dr. Aditi Kothari - co-convenor
3. Proposed Title of the Event: Field visit to serija vihar water treatment plant
4. Nature of Event: Seminar/Conference/Symposium/Workshop/FDP/Public or Community outreach/ Skill enhancement/others (Please specify) field visit (one day) outreach program
5. Participants: Student-centric /Faculty/ Other stakeholders (Please specify) student-centric
6. Event Type: Offline/Online/Hybrid; Indoor/Outdoor
7. Collaborating Agency /Organization (If any): NIL
8. Tentative List of Speakers with affiliations: NIL
9. Date & Time (from - to): 6th November '2025 (10:00 AM onwards)
10. Financial Assistance/ Funding received (if any) (Please specify amount): NIL
11. Proposed Budget (please attach details in a separate enclosure): NIL

12. Faculty responsible for Geo Tagged Pictures ... Dr. Aditi Kothari

13. Faculty responsible for Event Report ... Dr. Parul Tayal

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

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

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

for Dr. Parul Tayal TIC/Convenor
 1. Dr. Parul Tayal - convenor
 2. Dr. Aditi Kothari - co-convenor

Date: 31/10/2025

For official purpose * As a practical syllabus of BSC-IVth year environment biotechnology and management. Copy of syllabus attached.

Comments (If any) Criteria 1, 5 * Permission letter attached.

Vishal Pathak
 IQAC Coordinator
 Date: 31/10/2025

Principals
 Principal
 Date: 31/10/25

Plan of Visit

Time	Activity Description
10:30 AM	Welcome and Introduction
11:00 AM	Brief Discussion about the Delhi Jal Board
11:30 AM	Scientific Lecture by Prof. Anirudh
12:30 PM	High Tea
2:00 PM	Visit to the treatment plant, and interactive session

Attendance 06/11/25 visit to sonia vihar water treatment plant

1. Ananya - 101	Ananya
2. Mihir - 124	Mihir
3. Purni - 137	Purni
4. Abhay - 146	Abhay
5. Vishakh - 151	Rishesh
6. Abhijeet - 165	Abhijeet

Prayal 6/11/25
Teacher sign

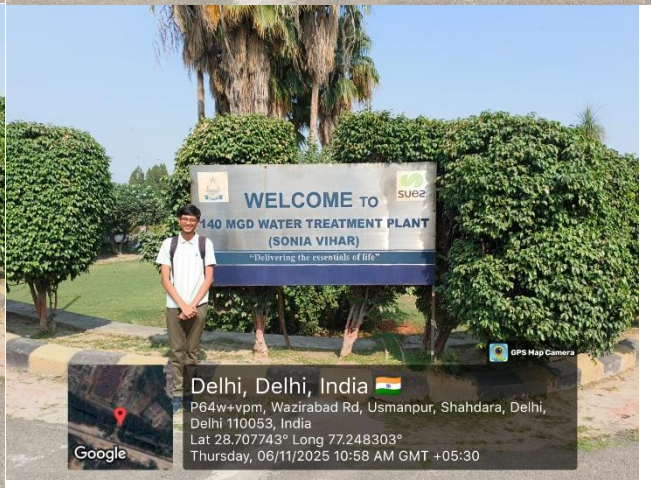
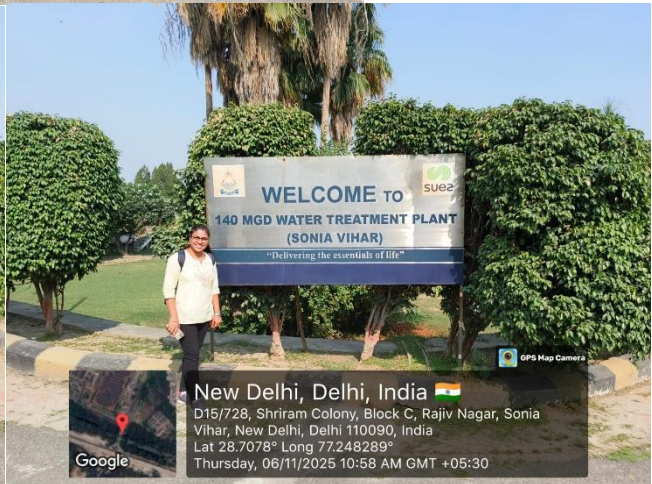
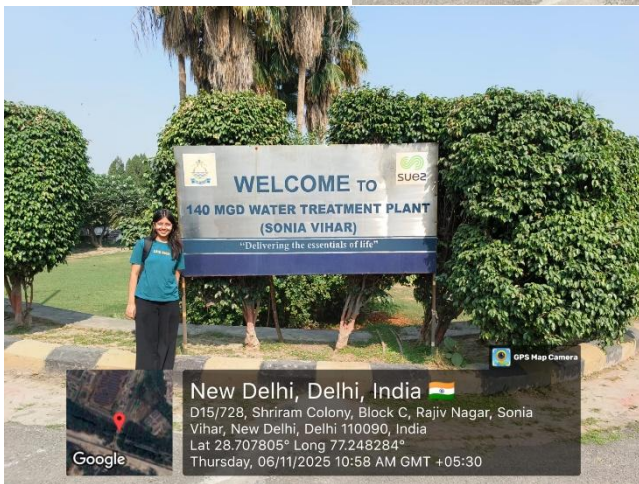
Sri Venkateswara College, University of Delhi
Department of Botany

Field Trip Attendance Sheet

Title: "The World of Algae" – Educational Field Visit

S. No.	Roll Number	Name of Student	Signature
1	1424001	Paramveer Singh	Paramveer Singh
2	1424002	R. M. Notrei	R. M. Notrei
3	1424004	Shweta Maurya	Shweta Maurya
4	1424006	Jiya Chand	Jiya Chand
5	1424011	Shreya Yadav	Shreya Yadav
6	1424012	Kamakshi Dhamija	Kamakshi Dhamija
7	1424014	Shivam Poonia	Shivam Poonia
8	1424016	Kashish Meher	Kashish Meher
9	1424019	Namrata Kumari	Namrata Kumari
10	1424021	Himangshu Medhi	Himangshu Medhi
11	1424022	Neel Nayan	Neel Nayan
12	1424024	Utkarsh Singh	Utkarsh Singh
13	1424025	Divya	Divya
14	1424026	Hitesh Singh Mahara	Hitesh Singh Mahara
15	1424027	Adrija Mitra	Adrija Mitra
16	1424031	Bhawana	Bhawana
17	1424033	Shreyansh	Shreyansh
18	1424036	Aashi Anand	Aashi Anand
19	1424040	Rohan Jain	Rohan Jain
20	1424041	Gunjan Verma	Gunjan Verma
21	1424045	Muskan Modi	Muskan Modi
22	1424048	Vanshika Verma	Vanshika Verma
23	1424049	Kashish	Kashish

Faculty In-Charge Signature: Dr. Shantanu Mandal and Dr. Parnil Toyal
 Date: 06/11/2025
 Head of Department (Botany): _____
 Remarks (if any): _____











Tirumala Tirupati Devasthanams

श्री वेंकटेश्वर कलाशाला

Sri Venkateswara College

(University of Delhi)

NAAC Grade A+

पूर्णता प्रमाण पत्र
COMPLETION CERTIFICATE

यह प्रमाणित किया जाता है कि जल उपचार संयंत्र का शैक्षिक क्षेत्र भ्रमण को 6 नवंबर 2025 को 10:00 पूर्वाह्न से 4:00 अपराह्न तक वनस्पति विज्ञान विभाग के द्वारा ऑफ़लाइन माध्यम में सफलतापूर्वक अयोजित किया गया और इस कार्यक्रम की रिपोर्ट अभिलेख के लिए आंतरिक गुणवत्ता आश्वासन प्रकोष्ठ (IQAC) को जमा कर दी गई है।

This is to certify that the Educational Field Visit to Water Treatment Plant, Delhi Jal Board, Sonia Vihar was successfully conducted on 6th November from 10:00 am to 4:00 pm by the Department of Botany in the Offline mode and its event report has been submitted to IQAC for records.

Pamyl Tayal

Dr. Pamil Tayal

Dr. Aditi Kothari Chhajjer

Convenors

Aditi Kothari

Vaidik Pathak

IQAC Coordinator

Coordinator, IQAC
Sri Venkateswara College
(University of Delhi)
Dhaura Kuan, New Delhi-110021

Principals

Principal

प्रधानाचार्य
Principal
श्री वेंकटेश्वर महाविद्यालय
Sri Venkateswara College
दिल्ली विश्वविद्यालय / University of Delhi
धौला कुआं, नई दिल्ली / Dhaura Kuan, New Delhi