



ಯಾದವಮ್ ಟ್ರಸ್ಟ್ Yadalam Trust

ಸುಶ್ರುತ ಆಯುರ್ವೇದ ವೈದ್ಯಕೀಯ ಮಹಾವಿದ್ಯಾಲಯ ಮತ್ತು ಆಸ್ಪತ್ರೆ  
**Sushruta Ayurvedic Medical College & Hospital**

(Recognized by NCISM, Ministry of AYUSH, New Delhi, Affiliated to RGUHS, Bengaluru, Karnataka)

"Prashanti Kuteera" SVYASA Campus, Jodi Bingipura, Kallubalu Post, Jigani Hobli, Anekal Taluk, Bengaluru - 560 105.

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NCISM CODE - AYU0091

RGUHS CODE - A005



## Department of Swasthavritta Evam Yoga

### EDUCATIONAL VISIT REPORT

*Academic Visit to Water Treatment Unit*

April 2026

Organizing Institution	Sushruta Ayurvedic Medical College & Hospital (SAMC&H), Bengaluru
Organizing Department	Department of Swasthavritta Evam Yoga
Student Batch	II BAMS (Batch 2023–24)
Visit Date	29 <sup>th</sup> April 2026
Venue	T.K. Halli Water Treatment Plant, Bengaluru
Total Students	87 Students
Faculty Supervisors	Dr. Nikhila B Hiremath, Prof & HOD, Department of Swasthavritta evam Yoga Dr. Athira A G Assistant Professor, Department of Swasthavritta evam Yoga

This educational visit was organized by the Department of Swasthavritta as an integral component of the academic curriculum for II BAMS students (Batch 2023–24).

Water treatment is one of the foundational topics in public health education. A visit to an operational water treatment facility, such as the T.K. Halli Water Treatment Plant, offers students the unique opportunity to witness large-scale water purification processes firsthand, directly reinforcing academic concepts covered in the classroom.

The visit was designed to fulfil the following academic and professional development objectives:

1. To provide students with direct, practical exposure to water purification processes, including coagulation, sedimentation, filtration, and disinfection.
2. To highlight the critical relationship between sanitation infrastructure and public health outcomes, as emphasized in the Swasthavritta curriculum.



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### Venue

The visit is scheduled to take place at the T.K. Halli Water Treatment Plant, one of the major water supply infrastructure facilities serving Bengaluru. The plant handles large-scale treatment of raw water drawn from the Cauvery River, making it an ideal setting for students to observe end-to-end water purification operations.

During the visit, students observed the following processes and facilities:

- Water Intake & Pre-treatment: Observation of raw water intake structures and preliminary screening processes.
- Coagulation & Flocculation: Understanding how chemical agents are used to aggregate suspended particles in raw water.
- Sedimentation Tanks: Observation of settling chambers where flocculated particles are removed from water.
- Filtration Units: Study of sand and activated carbon filtration systems used to remove fine impurities and odour.
- Disinfection & Chlorination: Understanding the final disinfection steps that ensure microbiological safety of treated water.
- Quality Control & Monitoring: Exposure to water quality testing protocols and parameters monitored by plant operators.

The safety and discipline of all participating students was of paramount importance to the Department and to the institution. The following measures were taken during the visit:

- All students will be briefed before the visit on safety protocols, conduct expectations, and the importance of respecting plant operations and personnel.
- Faculty supervisors accompanied students throughout the visit, ensuring compliance with all rules set by the host facility.
- Students observed all areas in a strictly non-intrusive manner; no interference with plant equipment or operations was permitted.
- Appropriate personal protective measures (footwear, hygiene precautions) were adhered to as directed by plant authorities.



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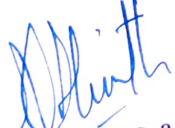


Upon completing this visit, students were expected to have achieved the following outcomes:

- A thorough practical understanding of water purification stages and the science underpinning each process.
- Enhanced awareness of environmental determinants of health and their significance in preventive medicine.

The Department of Swasthavritta and SAMC&H extend their sincere gratitude to the Chief Officer and staff of the T.K. Halli Water Treatment Plant for their cooperation in facilitating this academic visit.

We remain committed to ensuring that this visit is conducted with the highest standards of discipline, respect, and academic purpose, and we look forward to a fruitful and enriching experience for our students.

  
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Sushruta Ayurvedic Medical College & Hospital  
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Photos:



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