



Bharath Institute of Higher Education and Research

(Deemed to be University)

Office of the Dean of Engineering,

Sree Balaji Institute of Science and Technology (SBIST),

7, Works Road, Chromepet, Chennai – 600044

SBIST/MAINT/REC/2025-26/002

Date: 01 October 2025

OFFICE ORDER

POTABLE WATER SUPPLY AND OUTLETS FOR DRINKING WATER AT STRATEGIC LOCATIONS

(In Compliance with AICTE Essential Infrastructure Requirements)

1. Policy Statement

Sri Balaji Institute of Science & Technology (SBIST) ensures the provision of safe, hygienic, and uninterrupted potable drinking water to all students, faculty, staff, and visitors on campus.

The Institution maintains adequate drinking water infrastructure in strict compliance with AICTE norms, public health standards, and applicable municipal regulations.

2. Source of Water Supply

The campus receives water from:

- Approved municipal water supply
- Borewell sources (where applicable)

All drinking water undergoes purification before distribution.

3. Water Purification & Treatment Mechanism

To ensure safety and potability, the Institution has installed a centralized UV–RO Water Purification Plant with the following specifications:

Specifications:

- Storage Capacity: 1000 Litres Per Hour (LPH) Stainless Steel Containers – 2 Nos.
- Treatment Process: UV–RO Treated and Oxidized Water

Installation Details:

- The RO plant is centrally located within the campus premises.
- The purification system is installed in a secure and protected area.
- The plant is positioned away from electrical substations and drainage systems to ensure safety and hygiene.
- Overhead storage tanks are covered, secured, and cleaned at regular intervals (minimum once in three months).
- Water pipelines are maintained to prevent leakage and contamination.

4. Periodic Water Quality Testing

The Institution conducts periodic testing of drinking water quality to ensure compliance with potable water standards.

Testing includes:

- pH value
- Total Dissolved Solids (TDS)
- Microbial contamination
- Chemical impurities
- Hardness levels

Certified laboratory reports are maintained and available for inspection.

5. Strategic Installation of Drinking Water Outlets

Drinking water outlets are installed at accessible and strategic locations to ensure equitable access across the campus.



Locations Include:

- Academic Blocks (each floor)
- Laboratories
- Library
- Administrative Block
- Seminar Halls & Auditorium
- Canteen & Dining Areas
- Sports Facilities
- Common Areas
- First-Year Student Areas
- Hostels (each floor and common rooms)

All outlets are clearly labeled as **“Safe Drinking Water”**.

6. Hygiene, Safety & Maintenance

To ensure hygiene and functionality:

- Daily cleaning of water dispensing units
- Regular replacement of RO membranes and filters
- Preventive maintenance through AMC
- Maintenance register maintained
- Drainage provided near water points
- No mixing of drinking water lines with wash water lines
- Separate drinking water arrangement in hostels

7. Adequacy & Accessibility

The Institution ensures:

- Adequate number of drinking water units proportional to student strength
- Accessibility for differently-abled persons (where applicable)
- Continuous water availability during working hours
- Backup storage to handle contingencies

8. Sustainability & Environmental Considerations

- Use of stainless steel water coolers
- Encouragement of reusable water bottles
- Proper disposal of RO reject water (used for gardening / cleaning where feasible)

9. Impact & Institutional Commitment

The installation of the UV–RO water purification system ensures:

- Continuous supply of safe and hygienic drinking water
- Fulfillment of daily drinking water requirements of the campus community
- Reduced dependency on packaged drinking water
- Promotion of health, hygiene, and environmental responsibility
 - **Storage Capacity:** 1000 Litres Per Hour (LPH) Stainless Steel Container – 2 Nos.
 - **Treatment Process:** UV – RO Treated and Oxidized Water

This initiative reflects the Institution's commitment to quality infrastructure and student welfare in compliance with AICTE norms.

9. Records & Documentation Maintained

The following documents are maintained and available during inspection:

- Water Quality Test Reports
- Tank Cleaning Records
- RO System Maintenance Records
- AMC Agreements
- Infrastructure Layout Plan Showing Water Points
- Maintenance Logbook

11. Compliance Certification

The Institution hereby certifies that:

Adequate potable water supply is available across the campus
Drinking water outlets are installed at strategic and accessible locations
Water is purified, periodically tested, and maintained hygienically
All facilities comply with AICTE Essential Infrastructure

Infrastructure Summary Table

Sl. No	Location	Type (RO / Cooler / Dispenser)	No. of Units	Capacity (LPH)	Status
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J. Indumathi



Annexure

The bill for the RO plant installed.

Tax Invoice

GLOBAL WATER SYSTEMS No.161, GRAFTON STREET, VGN MONTE CARLO , GURUSAMY ROAD, NOLAMBUR , CHENNAI - 600095. GSTIN/UIN: 33ANHPM8965G1ZM State Name : Tamil Nadu, Code : 33 E-Mail : gwsmaraimozhi@gmail.com		Invoice No.	Dated			
		GWS-139/23-24	22-Nov-2023			
		Delivery Note	Mode/Terms of Payment			
		Supplier's Ref.	Other Reference(s)			
Consignee Sree Balaji Medical College & Hospital Works Road, Chrompet, Chennai - 600 044. State Name : Tamil Nadu, Code : 33		Buyer's Order No.	Dated			
		Despatch Document No.	Delivery Note Date			
		Despatched through	Destination			
		Terms of Delivery				
Buyer (if other than consignee) Sree Balaji Medical College & Hospital Works Road, Chrompet, Chennai - 600 044. State Name : Tamil Nadu, Code : 33						
Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
1	REVERSE OSMOSIS PLANT - 1000 LPH	8412	1 Nos.	4,90,000.00	Nos.	4,90,000.00
2	WATER SOFTNER US 1354	8412	1 Nos.	49,000.00	Nos.	49,000.00
3	INTERCONNECTING PIPE WORK <i>A.Overhead Tank to the Plant Area</i> <i>B.RO Plant to the Product Water Storage Tank</i>	8412	1 Nos.	18,000.00	Nos.	18,000.00
4	Electrical Works <i>A.Power Connection to the Plant Area</i>	8412	1 Job	15,000.00	Job	15,000.00
5	1000 Liters SS 304 Storage Tank	8412	1 Nos.	48,000.00	Nos.	48,000.00
6	HIGH PRESSURE PUMP <i>Capacity :6000 LPH @ 3.5 Kg/cm2,</i> <i>Make:CRI</i>	8412	1 Nos.	43,000.00	Nos.	43,000.00
7	Raw Water Pump 18 %	8412	1 Nos.	12,000.00	Nos.	12,000.00
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Tax Invoice(Page 2)

GLOBAL WATER SYSTEMS No.161, GRAFTON STREET, VGN MONTE CARLO , GURUSAMY ROAD, NOLAMBUR , CHENNAI - 600095. GSTIN/UIN: 33ANHPM8965G1ZM State Name : Tamil Nadu, Code : 33 E-Mail : gwsmaraimozhi@gmail.com		Invoice No. GWS-139/23-24	Dated 22-Nov-2023				
		Delivery Note	Mode/Terms of Payment				
		Supplier's Ref.	Other Reference(s)				
Consignee Sree Balaji Medical College & Hospital Works Road, Chrompet, Chennai - 600 044. State Name : Tamil Nadu, Code : 33		Buyer's Order No.	Dated				
		Despatch Document No.	Delivery Note Date				
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Buyer (if other than consignee) Sree Balaji Medical College & Hospital Works Road, Chrompet, Chennai - 600 044. State Name : Tamil Nadu, Code : 33							
Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount	
8	DISCOUNT OUTPUT TAX CGST @ 9% OUTPUT TAX SGST @ 9%	8412				(-)1,25,000.00 5,50,000.00 49,500.00 49,500.00	
Total						₹ 6,49,000.00	
Amount Chargeable (in words) E. & O.E Indian Rupees Six Lakh Forty Nine Thousand Only							
HSN/SAC		Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount
8412		5,50,000.00	9%	49,500.00	9%	49,500.00	99,000.00
Total		5,50,000.00		49,500.00		49,500.00	99,000.00
Tax Amount (in words) : Indian Rupees Ninety Nine Thousand Only							
Company's VAT TIN : 33041302440 Company's CST No. : 898481 Company's PAN : ANHPM8965G			Company's Bank Details Bank Name : Indian Overseas Bank A/c No. : 170602000000694 Branch & IFS Code: Pattabiram & IOBA0001706				
Declaration We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.			for GLOBAL WATER SYSTEMS Authorised Signatory				

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