



||Jai Sri Gurudev||
Sri AdichunchanagiriShikshana Trust @
SJB INSTITUTE OF TECHNOLOGY
(A Constituent Institution of BGS & SJBIT Group of Institution & Hospitals)
No. 67, BGS Health & Education City, Dr. Vishnuvardhan Road, kengeri, Bengaluru - 560 060
Approved by AICTE - New Delhi.
Affiliated to Visvesvaraya Technological University, Belagavi,
2(f) and 12(B) recognized by UGC, New Delhi.
Accredited by NAAC, Accredited by NBA. Certified by ISO 9001-2015

Water Conservation Facilities Available in the Institution

Waste Water Recycling:

The waste water generated from various sources in the college are managed efficiently through the waste water treatment plant installed in the campus. The capacity of the treatment plant is 550KLD. The plant has primary, secondary and tertiary units to purify the wastewater. The treated water is tested in the laboratory to ensure for the quality. The treated water is used for the plants and gardening.



Fig: Waste Water treatment plant



Fig: Waste Water Recycling for Cricket ground

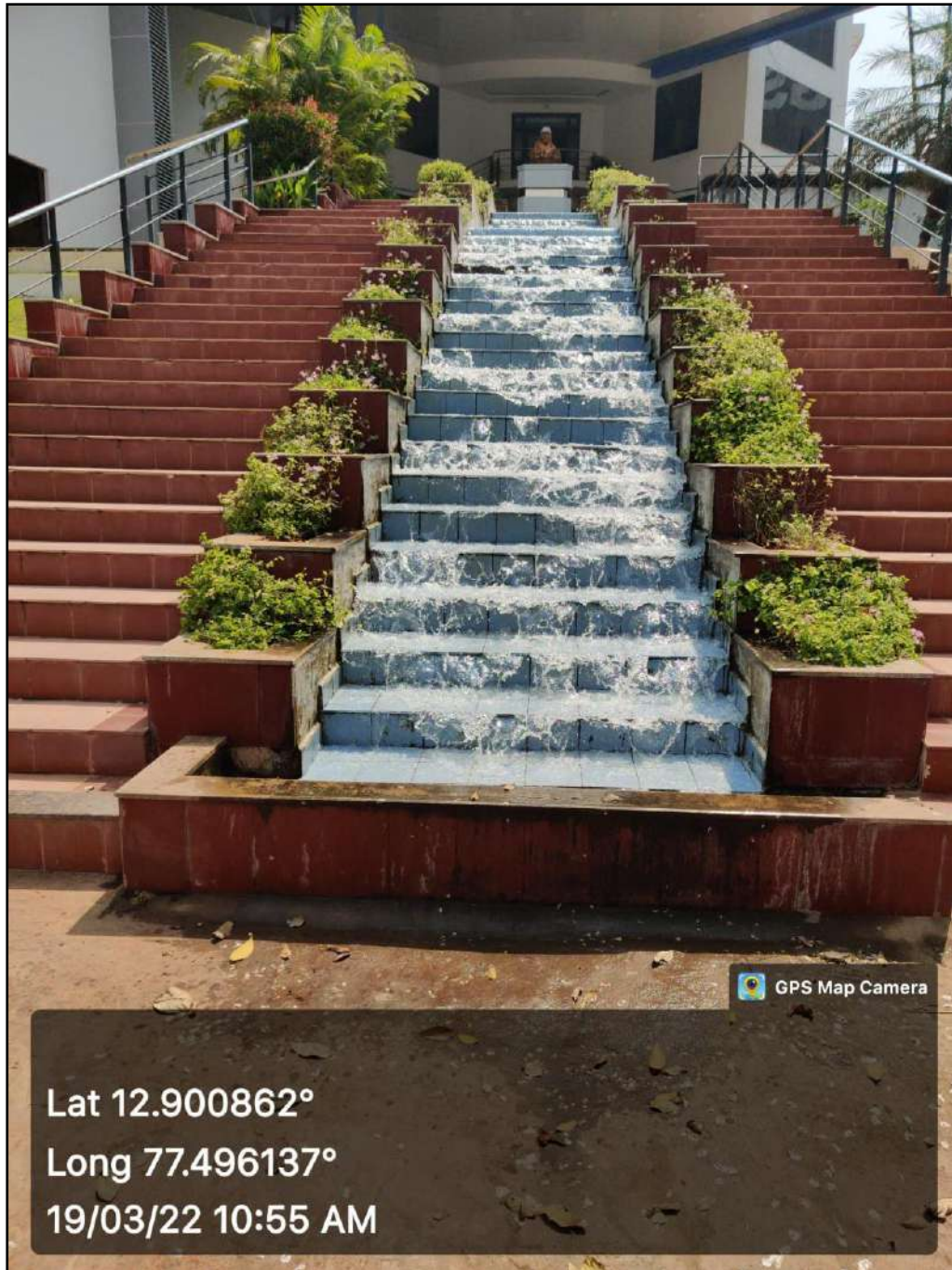


Fig: Cascade Aeration

Save energy: Awareness Signboard on Class rooms:

To create the water conservation among the students sign boards are installed



Fig: Awareness Board on Water Conservation



|| Jai Sri Gurudev ||
Sri Adichunchanagiri Shikshana Trust ®

SJB Institute of Technology

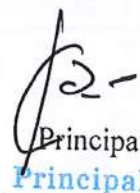
(A Constituent of BGS & SJB Group of Institutions and Hospitals)

BGS Health & Education City, Dr. Vishnuvardhan Road, Kengeri, Bengaluru-560060



Waste management and environment improvement measures to ensure a sustainable Green Campus.

Sl.no	Environment improvement parameters	Quantity treated	Purpose
1	Waste water treatment plant	550MLD	Reused for maintaining Greeneries
2	Compost from withered leaves	9.5cubic.meters /six months	Used for Gardening purpose
3	Food waste	230kg/day	Some amount is used for bio-digestion & remaining goes to Piggeries,
4	Total number of trees	360 trees of 20 varieties of spices	70,0840 pounds of Oxygen produced &32,0850 pounds of carbon dioxide obsorbed.


Principal

SJB Institute of Technology
67, BGS Health & Education City,
Dr. Vishnuvardhan Road,
Kengeri, Bengaluru - 560 060.

HYDRO CHEMTECH PRIVATE LIMITED

NO,3618/26,3RD CROSS,(OLD 9TH CROSS) GAYATHRI NAGAR, BANGALORE -560021.

GSTIN : 29AAACH2975C1ZN

PAN No: AAACH2975C

Email Id : info@hydrochemtech.com

STATE : Karnataka [29]

ESIC No.:53-00-028308-000-1002

Phone No. : 08023326680, 08023133044,
08023420546**TAX INVOICE****Billing Details (Bill To)**

Name : To, THE PRINCIPAL
Address : SJB Institute Of Technology, Uittarahalli Main Road,
Kengeri, Bangalore -560060
State : Karnataka Code : 29
Phone No :
GSTIN : PAN :

Shipping Details (Ship To)

Name : To, THE PRINCIPAL
Address : SJB Institute Of Technology, Uittarahalli Main Road,
Kengeri, Bangalore -560060
State : Karnataka Code : 29
Phone No :
GSTIN :

Invoice No. : BLR-781/21-22 Date : 04/10/2021
PO No. : SJB/IT/ACCT/07/2019-20 Date : 10/04/2019
DC No. :

Remarks :

Payment Terms : IMMEDIATE Reverse Charges : NO

Contact Person :

Despatched Thru :

Vehicle No : Freight :

Destination : Bangalore

e-Way Bill No. :

Bank Details : A/c Name: HYDRO CHEMTECH PRIVATE LIMITED
A/c No : 0000 3400 1720 019 (CURRENT A/c)
IFSC : DEUT0797BGL (BRANCH: M.G Road)

SI No	Item Description	HSN/SAC	Qty	Unit	Basic Rate	Disc. %	Net Amount	CGST + SGST		Total Amount
								Tax Per	Tax Amount	
1	Service Charges -towards Annual Service Contract (ASC) for RO system @ SJBIT BOYS HOSTEL ABOVE DINING for 2nd Half From October 2021 To March 2022	998717	1.00	Lump	11910.00	0.00	11910.00	18.00	2,143.80	14053.80
2	Service Charges -towards Annual Service Contract (ASC) for RO system @ CSC BLOCK for 2nd Half From October 2021 To March 2022	998717	1.00	Lump	11910.00	0.00	11910.00	18.00	2,143.80	14053.80
3	Service Charges -towards Annual Service Contract (ASC) for RO system @ SJBIT BOYS & GIRLS HOSTEL for 2nd Half From October 2021 To March 2022	998717	1.00	Lump	11910.00	0.00	11910.00	18.00	2,143.80	14053.80

Note: In the April 21 to September 21 ASC period, no visit made in May 21 due to covid lockdown and the amount has been deducted from our Inv.No.69 dated 12.04.2021

For SJB Institute of Technology
Principal
25/10/2021
Managing Director

Tot Qty : 3.00

TAXABLE AMT	CGST %	CGST AMT	SGST %	SGST AMT	IGST %	IGST AMT
35,730.00	9.00	3,215.70	9.00	3,215.70	0.00	0.00
Total	CGST	3,215.70	SGST	3,215.70	IGST	0.00

Total Amount	:	35,730.00
Discount Amount	:	0.00
Pre Tax	:	0.00
Taxable Amount	:	35,730.00
Post Tax	:	0.00
CGST Amt	:	3,215.70
SGST Amt	:	3,215.70
Cess Amount	:	0.00
Round Off Amount	:	-0.40
GRAND TOTAL ₹	:	42,161.00

Declaration : We declare that this invoice show the actual price of the goods described and that all particulars are true and correct.

Amount in Words :

Rupees Forty Two Thousand One Hundred Sixty One Only

Terms & condition : 1. Goods once sold will not be taken back. Interest @ 21% per annum shall be charged for delayed payment.

BRANCH: MSR ARCADE, 3rd FLOOR, STREET NO.09, PATRIKANAGAR, HI-TECH CITY, HYDERABAD, TELANGANA 500081

Received the above items

No. 67, Uttarahalli Road, Kengeri
Bangalore South - 560 060

Signature of Receiving Authority and Seal

For HYDRO CHEMTECH PRIVATE LIMITED
THOLASIRAM
GOPINATH
Digitally signed by
THOLASIRAM GOPINATH
Date: 2021.10.04 13:35:14
+05'30'

E. & O.E.

(SUBJECT TO BANGALORE JURISDICTION) (THIS IS A COMPUTER GENERATED INVOICE)

Page 1 Of 1

CSC & Boys Hostel Block 1 GR Amc

Service charges

Shan
Kumar
11/10/2021 Base 24.
35730

42161
715
41446

Original



ENVIRON INDIA

#49/1, 2nd floor, Anees Plaza, R V Road, Basavangudi, Bangalore - 560004

Ph: 9916506558 / 080-41570072 / 080-41699599 / habib@environindia.in / www.environindia.in

Bill To :	Date:	07.06.2022
M/s. SJB Institute of Technology,	Invoice no #	GST/2022-23/0071
No. 67, BGS Health & Education City,	Invoice Type	SERVICES
Uttarahalli Road, Kengeri	Reverse Charge (Y/N):	No
Bengaluru, Karnataka 560060		

Ship To :	M/s. SJB Institute of Technology,
	No. 67, BGS Health & Education City, Uttarahalli Road, Kengeri, Bengaluru, Karnataka 560060

Sl. No.	Description	HSN Code	Qty (Nos.)	Unit Cost in INR	Amount in INR
1	Comprehensive annual Operation & Maintenance of sewage treatment plant of capacity 330 KLD for the Month of May 2022	9994	1	60,000.00	60,000

For SJB Institute of Technology

Managing Director

ENVIRON INDIA
49/1, 2nd Floor, Anees Plaza,
R.V. Road, Basavanagudi,
BENGALURU - 560 004.
Ph.: 080-41570072, Fax: 080-41699599

Tax Description		
CGST	9%	5,400
SGST	9%	5,400
Grand Total		70,800

Rupees Seventy thousand and Eight hundred only

Payment Terms		Monthly billing	
GSTIN No.		29AMJPM5495J1Z9	
PAN No.		AMJPM5495J	
<div>For SJB Institute of Technology</div> <div>25.6.2022</div> <div>Principal</div>		Bank Account Details	
		Beneficiary	
		ENVIRON INDIA	
		Name of the Bank	
		CANARA BANK	
		A/C No.	
		04751010000117	
		IFSC Code	
		CNRB0010475	
		MICR Code	
		560015326	
		Address	
		Vijaya College campus, R V ROAD, BASVANGUDI BANGALORE-560004	

FOR ENVIRON INDIA

Authorized Signatory



Principal
SJB Institute of Technology
BGS Health & Education City
No. 67, Uttarahalli Road, Kengeri
Bangalore South - 560 060

new STP Amc service charged month of may

Sub
15 June
11/06/2022

TEST REPORT

Name & Address of the Customer

: M/s. SJB Institute Of Technology,
No.67, Uttarahalli Main Road, Kengeri,
BGS Health & Education City,
Bengaluru - 560060

Date of Sample Collection

: 12/05/2022

Particulars of sample

: STP Treated Water

Sample Qty: 2 Liters, Sampling Type: Grab,
Sampling Point: STP Treated Water Tank

Date of sample Receipt

: 12/05/2022

Sample ID/ Code

: NALRC/2022/05/WW/200

Date of Analysis Started

: 12/05/2022

Date of Completion

: 18/05/2022

Report No

: NALRC/2022/05/348

Report Date

: 18/05/2022

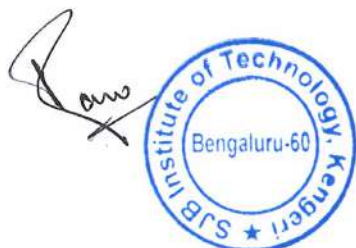
Page No

: 1/2

Description: - Colorless liquid having unobjectionable odor.

Sl No	Parameters	Unit	Result	Standards as per KSPCB	Test Method
1	pH Value @ 25°C	---	7.8	6.5-8.5	IS 3025(P-11) 2022
2	Total Suspended Solids	mg/L	6.0	<10	IS 3025(P-17) 1984 (RA-2017)
3	Bio-Chemical Oxygen Demand (5days @ 20°C)	mg/L	4.2	<10	APHA 23rd Edition 5210 BOD B
4	Chemical Oxygen Demand	mg/L	18.0	<50	IS 3025(P-58) 2006 (RA-2017)
5	Ammonical Nitrogen as N	mg/L	1.7	<5	IS 3025(P-34) 1988 (RA-2019)
6	Total Nitrogen as N	mg/L	4.3	<10	IS 3025(P-34) 1988 (RA-2019)

*****End of the report*****



[Signature]
Principal

SJB Institute of Technology
BGS Health & Education City
No. 67, Uttarahalli Road, Kengeri
Bangalore South - 560 060

Analyzed By

Authorized-Signatory

Note 1. The results listed above pertain only to the tested samples and applicable parameters. 2. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 3. This report is not to be reproduced either wholly or in part and can not be used as evidence in the court of law and should not be used in an advertising media without prior written permission. 4. Laboratory is not responsible for the authenticity of photocopied test reports. 5. Sampling not done by us, unless specified

NALRC/FF/61/A

TEST REPORT

Name & Address of the Customer

: M/s. SJB Institute Of Technology,
No.67, Uttarahalli Main Road, Kengeri,
BGS Health & Education City,
Bengaluru - 560060

Date of Sample Collection
Particulars of sample

: 12/05/2022
: STP Treated Water
Sample Qty: 500ml, Sampling Type: Grab,
Sampling Point: STP Treated Water Tank

Date of sample Receipt
Sample ID/ Code
Date of Analysis Started
Date of Completion

: 12/05/2022
: NALRC/2022/05/WW/200
: 12/05/2022
: 18/05/2022

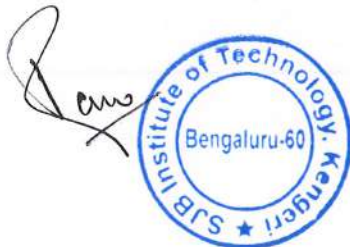
Report No
Report Date
Page No

: NALRC/2022/05/348
: 18/05/2022
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Description: - Colorless liquid having unobjectionable odor.

SI No	Parameters	Unit	Result	Standards as per KSPCB	Test Method
1	Faecal Coliform	MPN/100ml	25.0	<100	APHA 23 rd Edition

*****End of the report*****



[Signature]
Principal

SJB Institute of Technology
BGS Health & Education City
No. 67, Uttarahalli Road, Kengeri
Bangalore South - 560 060

[Signature]
Analyzed By

[Signature]
Authorized Signator

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Name & Address of the Customer

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No.67, Uttarahalli Main Road, Kengeri,
BGS Health & Education City,
Bengaluru - 560060

Date of Sample Collection
Particulars of sample

: 12/05/2022
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Sample Qty: 2 Liters, Sampling Type: Grab,
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*****End of the report*****



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BGS Health & Education City
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Analyzed By

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NALRC/FF/61/A0

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Bengaluru - 560060

Date of Sample Collection

: 12/05/2022

Particulars of sample

: STP Treated Water

Sample Qty: 500ml, Sampling Type: Grab,

Sampling Point: STP Treated Water Tank

Date of sample Receipt

: 12/05/2022

Sample ID/ Code

: NALRC/2022/05/WW/200

Date of Analysis Started

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*****End of the report*****



[Signature]
Principal

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BGS Health & Education City
No. 67, Uttarahalli Road, Kengeri
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[Signature]
Analyzed By

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NALRC/FF/61/A0

Water Management Report

(Extraction from Green Audit report)

VANALOK

environmental sustainability

4th Floor, Vanavikas, 18th Cross Malleshwaram,
Bengaluru-560003, vanalok@gmail.com
+91 9591100551 / 9449285226

1st September 2022

CERTIFICATE

This is to certify that SJB Institute of Technology Bangalore has conducted detailed Environmental Green Audit of their campus and has submitted necessary data and credentials for scrutiny. The activities and measures carried out by the college have been verified based on the report submitted and was found to be satisfactory. The efforts taken by the faculty and students towards environment and sustainability is highly appreciated and commendable.

Director



Vanishalok

Vanalok Private Ltd

Green Audit conducted By

Anisha

Anisha Udaykumar

21 / IN / 1022348 / 6032

Dr.
Principal

SJB Institute of Technology
67, BGS Health & Education City,
Dr. Vishnuvardhan Road,
Kengeri, Bengaluru - 560 060.



Vanalok Pvt Ltd is an eco-enterprise registered at Bengaluru

4. Observations and Recommendations:

4.1 Water Management:

Water is an important resource that is depleting at a rate faster than what can be recovered. All beings depend on water for their survival. Although the earth is covered by water majorly, freshwater that is used for drinking purposes is very limited. Hence, it is very important to use water judiciously and make arrangements to collect and preserve water whenever possible for replenishment of the water table. This indicator addresses water consumption, water sources, irrigation, stormwater, appliances and fixtures. A water audit is an on-site assessment and surveys to determine the practices and efficiency of usage.

- **Observations:**

The major source of water supply are campus borewells, tanker services and the layout water supply in the college premises. Everyday 11 (6 in college + 0 in Girls Hostel + 5 in Boys Hostel) are operated to fill the overhead tanks with a total capacity of 1,30,000 ltrs. The tanks have a system of automatic water level controllers to ensure limited wastages. Water is majorly used in washrooms, canteen, administrative areas, academic areas, hostels and gardening purposes. On an average, the total annual consumption of water in the college is 54.75 MLD. The management has made available provisions for purified drinking water on campus for the students and other staff. Wherever applicable the washrooms have fittings such low flow faucets, low flow shower heads, low flow toilets and urinals to ensure minimum wastages.

During the survey, no wastages were observed. The open grounds provide means for water percolation as they are not barren due to ample greenery on campus. A proposal for a functional rain water harvesting unit has been initiated in the campus premises. All the waste water from the campus is treated by a fully functional Sewage Treatment Plant and is reused in the college premises.



Rainwater outflow point at SJBIT Institute of Technology



SJBIT Institute of Technology Campus Layout

Recommendations:

1. Push Button taps can be implemented phase wise in wash rooms to prevent water wastage.
2. Rain water harvesting units can be improved in the premises to conserve rainwater run-off and recharge pits can be employed close to the borewells or wells to help recharge the groundwater table.
3. Need for systems to control overflow of water while filling up overhead tanks.
4. Minimizing wastages by reducing, reusing and recycling wherever possible.
5. Installation of aerators in all taps to reduce wastage and consumption. Automated taps could also help reduce usage.
6. Fix leaky faucets and flushes regularly.
7. Ensure all disinfectant products used are eco-friendly and do not cause major harm to the environment.

5. Summary:

An audit of natural resources is an important tool for ensuring that natural resources are being used in an eco-friendly and sustainable manner. Green auditing is the process of determining whether institutional practices are environmentally friendly and sustainable. It is a continuous process of identification, monitoring and discussion. There is scope for further improvement, particularly concerning waste, energy and water management. The college in recent years consider the environmental impacts of most of its actions and makes a concerted effort to act in an environmentally responsible manner. Even though the college does perform fairly well, the recommendations in this report highlight many ways in which the college can work to improve its actions and become a more sustainable institution.

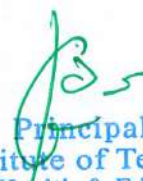


Figure 1: Good Environmental Practices for Sustainable Development.

6. Corollary:

From the green audit, the following conclusions can be made:

- ❖ Water management consists majorly of the rainwater harvesting systems that bring in a good amount of water that could be used during difficult times. More thought could be put into rainwater recharge pits that could replenish the ground water table.
- ❖ Food waste or wet waste, in general, can be turned into compost that can be used as enrichment for the green on the campus. This would help them institution lessen its dependence on the local authorities for disposal.
- ❖ E-waste is segregated, handled and disposed of properly in an eco-friendly and responsible manner.
- ❖ Reduction in the use of one-time-use plastics like bottles, cups, folders, pens and other decorations could help reduce the plastic waste menace on the campus.
- ❖ Wear masks signage were seen on the campus.


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