



Jyothi Engineering College

NAAAC Accredited College with 100% Accredited Programmes

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI ENGINEERING COLLEGE, CHERUTHURUTHY, THIRUVARUR, PIN-679531. TEL: 0471-2590001, 274433 FAX: 0471-274433

NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2014-2023. NBA accredited B.Tech Programmes in Civil Engineering valid for the academic years 2017-2022

DEPARTMENT OF CIVIL ENGINEERING

CENTRE FOR WATER RESEARCH & EDUCATION

Approved by Kerala State Pollution Control Board as a commercial laboratory
vide order no : PCB/Lab approval 85/2019/valid upto 29.10.2023

Water Quality Test Data

Name of Customer : Jyothi Canteen Water Sample

Type of Source : Tap Water

Date of Collection : 11.09.23

Date of Testing : 11.09.23 - 13.09.23

Standard Followed : IS 10500 - 2012

S/no	Parameter	Unit	Acceptable limit	Permissible limit	Content in the sample
1	Turbidity	NTU	1	5	0.2
2	pH	No Unit	6.5-8.5	No relaxation	6.9
3	TDS	Mg/Litre	500	2000	104
4	Alkalinity	Mg/Litre	200	600	24
5	Total Hardness	Mg/Litre	200	600	90
6	Chloride	Mg/Litre	250	1000	22
7	Fluoride	Mg/Litre	1	1.5	Nil
8	Nitrate	Mg/Litre	45	No relaxation	0.5
9	Iron	Mg/Litre	0.3	1.0	0.09
10	Manganese	Mg/Litre	0.1	0.3	Nil
11	Sulphate	Mg/Litre	200	400	14
12	Sulphide	Mg/Litre	0.05	No relaxation	—
13	Dissolved Oxygen	Mg/Litre	—	—	—
14	COD	Mg/Litre	—	—	Nil
15	BOD	Mg/Litre	—	—	—
16	Coliform/100 ml	Number	Nil	Nil	Nil
17	E_coli/100 ml	Number	Nil	Nil	—

Remarks and Recommendations :

⇒ Residual Chlorine = 0.2 mg/L

All the tested parameters are within limit.

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13/9/2023
M. G. Cyriac

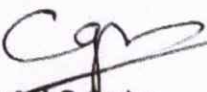
www.jecc.ac.in || info @jecc.ac.in

Water Quality Test Results of Jyothi Engineering College

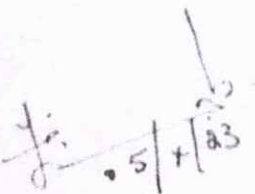
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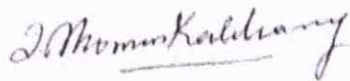
Sl no	Location	pH	Turbidity	TDS	RC
1	Boys Hostel	7.4	0.0	184	0.2
2	Purifier – Decennial Hall	7.0	0.0	180	Trace
3	Purifier – Civil Passage	7.1	0.0	179	Trace
4	Water Cooler ADM block	7.3	0.0	178	Trace
5	Purifier ME passage	7.1	0.0	179	Trace
6	Ladies hostel	7.4	0.0	182	0.2

Remarks – chlorination is sufficient


Prof M.G. Cyriac
Co-ordinator
Centre for Water Research and Education
Jyothi Engineering College




5/1/23


M. M. K. Kalidass



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Water Quality Test Results of Jyothi Engineering College

Dated 30.10.2023

Sl no	Location	pH	Turbidity	TDS	RC
1	Boys Hostel	6.8	0.1	128	0.2
2	Purifier – Decennial Hall	6.9	0.1	118	Trace
3	Purifier – Civil Passage	7	0.1	112	Trace
4	Water Cooler ADM block	7.1	0.1	114	Trace
5	Purifier ME passage	7.0	0.1	118	Trace
6	Ladies hostel	6.5	0.2	124	0.2

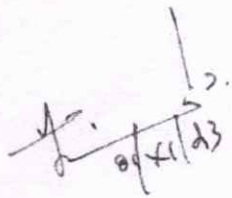
Remarks – Chlorination is sufficient

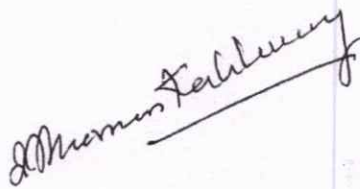

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30/10/23





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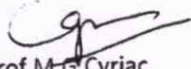


Water Quality Test Results of Jyothi Engineering College

Dated 30.11.2023

Sl no	Location	pH	Turbidity	TDS	RC
1	Boys Hostel	6.7	0.2	186	0.2
2	Purifier – Decennial Hall	7.1	0.1	178	0.1
3	Purifier – Civil Passage	7.0	0.1	176	Trace
4	Water Cooler ADM block	7.0	0.1	176	Trace
5	Purifier ME passage	7.0	0.1	179	Trace
6	Ladies hostel	6.8	0.2	184	0.2

Remarks – Chlorination is sufficient


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Water Quality Test Results of Jyothi Engineering College

Dated 15.1.2024

Sl no	Location	pH	Turbidity	TDS	RC
1	Boys Hostel	7.2	0.2	182	0.2
2	Purifier – Decennial Hall	7.0	0.1	178	0.1
3	Purifier – Civil Passage	7.0	0.1	176	Trace
4	Water Cooler ADM block	7.0	0.1	176	Trace
5	Purifier ME passage	7.0	0.1	179	Trace
6	Ladies hostel	7.1	0.2	180	0.2

Remarks – Chlorination is sufficient

A. Thomas Kallay



Cg

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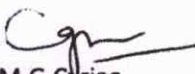
Jose P Therattil
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Water Quality Test Results of Jyothi Engineering College

Dated 15.02.2024

Sl n o	Location	pH	Turbidity	TDS	RC
1	Boys Hostel	6.9	0.0	212	0.2
2	Purifier – Decennial Hall	7.0	0.0	210	Trace
3	Purifier – Civil Passage	7.0	0.0	210	Trace
4	Water Cooler ADM block	7.1	0.0	210	Trace
5	Purifier MR passage	7.1	0.0	212	Trace
6	Ladies hostel	7.0	0.0	210	0.2

Remarks – Tested parameters are within limit.


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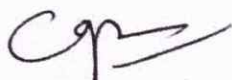
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Water Quality Test Results of Jyothi Engineering College

Dated 15.03.2024

Sl n o	Location	pH	Turbidity	TDS	RC
1	Boys Hostel	6.9	0.0	172	0.2
2	Purifier – Decennial Hall	7.0	0.0	170	Trace
3	Purifier – Civil Passage	7.0	0.0	171	Trace
4	Water Cooler ADM block	7.1	0.0	170	Trace
5	Purifier MR passage	7.0	0.0	170	Trace
6	Ladies hostel	6.9	0.0	171	0.2

Remarks – Tested parameters are within limit.



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Water Quality Test Results of Jyothi Engineering College

Dated 17.04.2024

Sl n o	Location	pH	Turbidity	TDS	RC
1	Boys Hostel	7.1	0.0	172	0.2
2	Purifier – Decennial Hall	7.0	0.0	170	Trace
3	Purifier – Civil Passage	7.0	0.0	170	Trace
4	Water Cooler ADM block	7.1	0.0	172	Trace
5	Purifier MR passage	7.1	0.0	169	Trace
6	Ladies hostel	7.0	0.0	171	0.2

Remarks – Tested parameters are within limit.

Prof M.G.Cyriac

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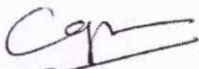
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Cheruthuruthy - 679531

Water Quality Test Results of Jyothi Engineering College

Dated 6/6/2024

Sl n o	Location	pH	Turbidity	TDS	RC
1	Boys Hostel	7.1	0.0	172	0.2
2	Purifier – Decennial Hall	6.9	0.0	170	Trace
3	Purifier – Civil Passage	7.0	0.0	171	Trace
4	Water Cooler ADM block	7.1	0.0	170	Trace
5	Canteen	7.0	0.0	170	Trace
6	Ladies hostel	7.0	0.0	171	0.2

Remarks – Tested parameters are within limit.

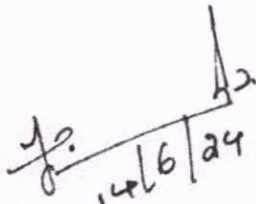

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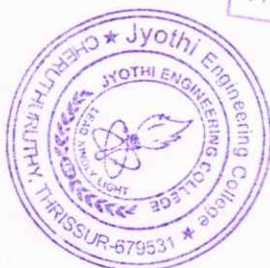
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Water Quality Test Results of Jyothi Engineering College

Dated 17.07.2024

Sl no	Location	pH	Turbidity	TDS	RC
1	Boys Hostel	7.1	0.0	106	0.2
2	Purifier – Decennial Hall	7.1	0.0	102	Trace
3	Purifier –EEE passage	7.1	0.0	102	Trace
4	Water Cooler ADM block	7.1	0.0	104	Trace
5	Canteen	7.2	0.0	110	Trace
6	Ladies hostel	7.0	0.0	108	0.2

Remarks – Tested parameters are within limit.

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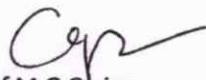
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Water Quality Test Results of Jyothi Engineering College

Dated 23.08.2024

Sl no	Location	pH	Turbidity	TDS	RC
1	Boys Hostel	6.9	0.1	122	0.2
2	Purifier – Decennial Hall	7.1	0.2	131	Trace
3	Purifier –EEE passage	7.1	0.0	132	Trace
4	Water Cooler ADM block	7.00	0.3	104	Trace
5	Canteen	7.2	0.2	110	Trace
6	Ladies hostel	7.0	0.0	108	0.2

Remarks – Tested parameters are within limit.



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Water Quality Test Results of Jyothi Engineering College

Dated 23/9/2024

Sl no	Location	pH	Turbidity	TDS	RC
1	Boys Hostel	7.0	0.1	166	0.2
2	Purifier – Decennial Hall	6.9	0.0	174	Trace
3	Purifier – Civil Passage	7.0	0.0	171	Trace
4	Water Cooler ADM block	7.1	0.0	174	Trace
5	Canteen	7.0	0.0	170	Trace
6	Ladies hostel	7.0	0.2	168	0.2

Remarks – Tested parameters are within limit.

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Water Quality Test Results of Jyothi Engineering College

Dated 22.10.2024

Sl no	Location	pH	Turbidity	TDS	RC
1	Boys Hostel	7.1	0.1	172	0.2
2	Purifier – Decennial Hall	7.0	0.0	170	Trace
3	Purifier – Civil Passage	7.0	0.1	170	Trace
4	Water Cooler ADM block	7.1	0.1	172	Trace
5	Purifier MR passage	7.1	0.0	169	Trace
6	Ladies hostel	7.0	0.1	171	0.2

Remarks – Tested parameters are with in limit.



Prof M.G.Cyriac

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