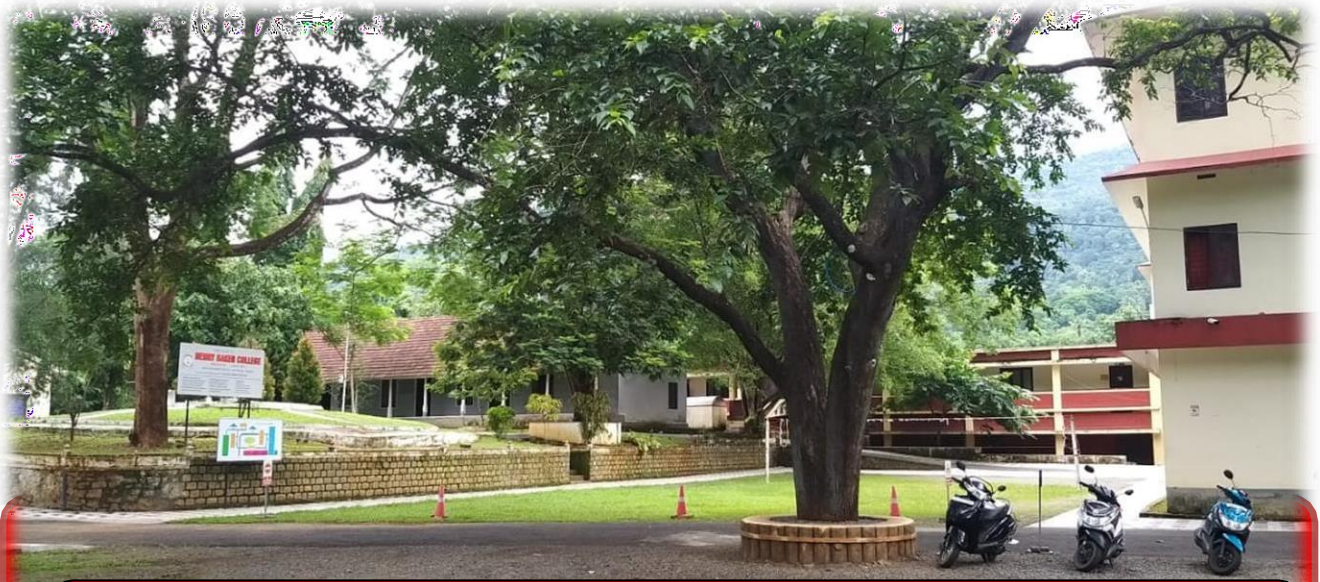


**Assessment Period 2015-2020**



# **HENRY BAKER COLLEGE, MELUKAVU**

**A Christian Minority Educational Institution run by CSI East Kerala Diocese**



**Criterion VII: Institutional Values and Best Practices**



**THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

## Water conservation facilities



Rain water Harvesting: [Click Here](#)



Borewell: [Click Here](#)



Open well: [Click Here](#)



Open well Recharge mechanism: [Click Here](#)



Water Tank Protected from Direct Sunlight

## Water Conservation Facilities

- An open well is the chief source water in the campus
- **We have a borewell which is used in the extremity of the summer season**
- **The open well recharge mechanism effectively raises the ground water level**
- **A massive Rainwater Harvesting tank with a capacity of 50000 liters**
  
- **Efficient water distribution system**



- **Water taps with a regulated flow to prevent misuse and unwanted overflow**



# Water purity certificate

## Water Analysis Report by Kerala Water Authority

Test Report

<https://59.92.69.44:10443/proxy/3c2e98fd/https/10.5.33.4:8090/KW...>



**KERALA WATER AUTHORITY**  
**QUALITY CONTROL DISTRICT LABORATORY**  
**KOTTAYAM**

**Report on Analysis of WATER**

Test Report No : 123/19-20

Date : 27/03/2020

Name : Henry Baker College, Melukavumattom PO, Pala, Kottayam

Date of Receipt : 19/03/2020

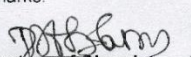
Date of Testing : 20/03/2020

Sl No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Permissible limits	Actual Contents
					Sampling Points
					1
1	Turbidity (NTU)	NTU	1	5	1.6
2	pH		6.5-8.5	No relaxation	6.06
3	Electrical Conductivity	µs/cm			110
4	Acidity	mg/litre			21.0
5	Alkalinity	mg/litre	200	600	56.0
6	Sulphate (as SO <sub>4</sub> )	mg/litre	200	400	NIL
7	Total Dissolved Solids(TDS)	mg/litre	500	2000	60.5
8	Total Hardness as (CaCO <sub>3</sub> )	mg/litre	200	600	28.0
9	Calcium (Ca)	mg/litre	75	200	8.02
10	Magnesium (Mg)	mg/litre	30	100	1.94
11	Chloride as (Cl)	mg/litre	250	1000	30.0
12	Fluoride as (F)	mg/litre	1	1.5	NIL
13	Iron (as Fe)	mg/litre	0.3	No relaxation	0.04
14	Nitrate (as NO <sub>3</sub> )	mg/litre	45	No relaxation	NIL

**Sampling Points**

1 Henry Baker College, Melukavumattom PO, Pala, Kottayam

Remarks:

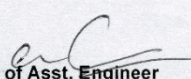
  
Signature of Chemist

**BACTERIOLOGICAL ANALYSIS**

Sl No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	Henry Baker College, Melukavumattom PO, Pala, Kottayam	NIL	NIL

Remarks:

Signature of Bacteriologist

  
Signature of Asst. Engineer

