



Bapuji Educational Association ®

Bapuji Institute of Engineering and Technology

Davanagere - 577 004

Department of Civil Engineering

Consultancy Centre

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ANALYSIS REPORT

Ref. No. : BIET/CEDCC/.....137/62

Sheet No. :

Date : 22/09/2025

ISSUED TO : Principal
Jain Vidyalaya CBSC
Shamanur, Davangere

SAMPLE RECEIVED FROM : The above mentioned client

SAMPLE RECEIVED ON : 17.09.2025

SOURCE OF SAMPLE : Filter water

Sl. No.	Parameters	Unit	IS:10500-2012	Sample 1
Organoleptic and Physical parameters				
1	Colour		Unobjectionable	Colourless
2	Odour		Unobjectionable	Odourless
3	Taste		Unobjectionable	Tasteless
4	pH	-	6.5 – 8.5	6.80
5	Conductivity	µmhos/cm	-	44.76
6	Total Dissolved solids	mg/L	500-2000	22.00
7	Turbidity	NTU	1 - 5	0.0
Chemical parameters				
8	Total Alkalinity as CaCO ₃	mg/L	200 – 600	16.00
9	Total Hardness as CaCO ₃	mg/L	300 – 600	28.00
10	Calcium as Ca	mg/L	75 – 200	8.00
11	Magnesium as Mg	mg/L	30 - 100	2.50
12	Chloride	mg/L	250 – 1000	12.00
13	Sulphate	mg/L	200 – 400	0.89
14	Nitrate	mg/L	45 – 100	1.02
15	Sodium	mg/L	150	0.88
16	Potassium	mg/L	-	0.76
17	Fluoride as F	mg/L	0.5 – 1.5	0.40

Staff In charge

Lab In charge

Consultancy Coordinator

HOD

Vision of the Department

To train the students to become Civil Engineers with leadership qualities, having ability to take up professional assignments and research with a focus on innovative approaches to cater to the needs of the society

Mission of the Department

1. To provide quality education through updated curriculum and conducive teaching learning environment for the students to excel in higher studies, competitive examinations and professional career.
2. To impart soft skills, leadership qualities and professional ethics among the graduates to handle the projects independently with confidence.
3. To deal with the contemporary issues and to cater to the socio-economic needs.
4. To build industry-institute interaction and to establish good rapport with alumni.