



Grams: ENGCOL

email: headcivill8@gmail.com

Phone : 2351664

INDUSTRIAL CONSULTANCY SERVICES
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA
Jawaharlal Nehru Technological University Kakinada
KAKINADA – 533 003 A.P., INDIA

Ref : Job No: UCEK/JNTUK/CE/ICS/PH/ 35 /2025-26

Date : 20.09.2025

From

Dr.N.Mohan Rao,
B.Tech M E .P h D .
Professor of Mechanical Engineering,
Principal & Chief Co-ordinator, ICS

To,

AKSHARA SCHOOL,
PALLAMRAJU NAGAR,
KAKINADA-533003.

Sir:

Sub: JNTU College of Engineering, Kakinada – ICS – Analysis of Water Samples
collected and supplied AKSHARA SCHOOL, PALLAMRAJU NAGAR,
KAKINADA-533003.

Ref: Your letter No:NIL. Dated: 18-09-2025.

Herewith I am enclosing the Test Results (Annexure-1), of Water samples collected and supplied by you for analysis to the Environmental Engineering Laboratory of this College.

The bill for testing charges is also enclosed.

Encl: 1) Test results
2) Bill

yours faithfully,

N. Mohan Rao

Principal
Chief Coordinator ICS
Principal & Chief Coordinator
Industrial Consultancy Services
University College Engg. Kakinada
JNTUK, KAKINADA.(AP)



INDUSTRIAL CONSULTANCY SERVICES
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA

Jawaharlal Nehru Technological University Kakinada

KAKINADA – 533 003 A.P., INDIA

ANNEXURE – 1

Name of the Work : analysis of Water Samples collected and supplied by

AKSHARA SCHOOL PALLAMRAJU NAGAR. KAKINADA-533003.

(All the Units, unless otherwise specified, are in mg/l. 1ppm = 1 mg/l)

Standards mentioned are Drinking Water Standards as per IS 10500-2012

S.No.	Parameter	Value	Desirable Standards	Maximum Permissible in the absence of alternate sources
PHYSICAL				
1.	Appearance	Normal	--	--
2.	Turbidity (NTU)	Nil	1	5
3.	Colour Hazens	5	5	15
4.	Taste	Agreeable	Agreeable	--
5.	Odour (TON)	Agreeable	Agreeable	--
CHEMICAL				
6.	pH at 25 ⁰ C	6.65	6.5-8.5	6.5-8.5
7.	E.C. (micromho/cm) at 20 ⁰ C	200	--	--
8.	Suspended Solids (SS)	Nil	--	--
9.	Total Dissolved Solids (TDS)	130	500	2000
10.	P- Alkalinity as CaCO ₃	Nil	--	--
11.	M- Alkalinity as CaCO ₃	200	200	600
12.	Total Hardness as CaCO ₃	100	200	600
13.	Calcium as Ca	22	75	200
14.	Magnesium as Mg	11	30	100
15.	Carbonate as CO ₃	Nil	--	--
16.	Bicarbonate as HCO ₃	244	--	--
17.	Chloride as Cl ⁻	45	250	1000
18.	Free Residual Chlorine	Nil	0.2	--
19.	Sulphate as SO ₄	2	200	400
MICRO BIOLOGICAL				
20.	MPN in 100 ml	Nil	Not detectable in 100ml of sample	
21.	Faecal Streptococci	Nil	Not detectable in 100ml of sample	

(Analysis: The water is suitable for drinking and all other domestic purposes with reference to Desirable Standards.

N. Mohan Reddy
Principal & Chief Coordinator, ICS
Industrial Consultancy Services
University College Engg. Kakinada
JNTUK, KAKINADA. (AP)

BILL

INDUSTRIAL CONSULTANCY SERVICES
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Job No. UCEK/JNTUK/CE/PH/ 35 /2025-26

Date: 20.09.2025

From

Dr.N.Mohan Rao,

B.Tech M E .P h D .

Professor of Mechanical Engineering,

Principal & Chief Co-ordinator, ICS

To

AKSHARA SCHOOL,
PALLAMRAJU NAGAR,
KAKINADA-533003.

Name of the Work: **Analysis of Water Samples collected and supplied by AKSHARA SCHOOL,PALLAMRAJU NAGAR,KAKINADA-533003.**

Sl. No.	Description of Work	No. of Test	Rate /Test Rs.	Amount	
				Rs	Ps
1.	Physical, Chemical and Biological Analysis of Water samples	1	2500/-	2500	00
	G. S. T. @ 18%			450	00
	(Rupees Two Thousand nine Hundred and fifty Only)			Total: 2950	00

N. Mohan Rao

PRINCIPAL

CHIEF COORDINATOR, ICS.

Principal & Chief Coordinator
Industrial Consultancy Services
University College Engg.Kakinada
JNTUK, KAKINADA.(AP)

ROC NO: 7032/25/F3

Municipal Corporation, Kakinada
Dt. 15-05-2025.

SANITARY CERTIFICATE

I hereby declare that I have personally inspected the premises of **AKSHARA SCHOOL** located at **D.NO.16-22-7/2, PALLAMRAJU NAGAR, KAKINADA**. I confirm that the building and its accommodations are clean, well-maintained, and sufficiently spacious, with ample natural light and ventilation. The premises are equipped with essential amenities, including lighting, restroom facilities, bathrooms, and drinking water provisions.

This certificate issued for the academic Year 2025-26


**Health Officer,
Municipal Corporation,
Kakinada**




F37/C
15/5/25

TO

**AKSHARA SCHOOL,
D.NO. 16-22-7/2,
PALLAMRAJU NAGAR,
KAKINADA.**

Copy to Sanitary inspector - 02