

**SARANATHAN COLLEGE OF ENGINEERING, TIRUCHIRAPPALLI – 12**

**DEPARTMENT OF CHEMISTRY**

Office Note

05-12-2020

**Submitted to the Principal:**

**Sub:** Water treatment report for college purposes for the academic year 2020-21– reg.

Our Chemistry Department is analysing the water samples from various places such as Girls hostel, Boys hostel, Electrical and Maintenance department of our college. The analysis has been done by Dr. S. Priyarega, AP/Chemistry for this academic year. The test reports are provided for your kind perusal.

**Analysis report of water sample received from Girls Hostel, Alundur.**

S.NO	DATE	PARAMETER	REPORT
1	03-12-2020	Hardness	CH = 104 ppm NCH = 41 ppm TH = 145 ppm
2	03-12-2020	Alkalinity	$\text{CO}_3^{2-}$ = 20 ppm $\text{OH}^-$ = 8 ppm $\text{HCO}_3^-$ = 28 ppm
3	03-12-2020	Dissolved Oxygen (D.O.)	7.7 ppm
4	03-12-2020	Chloride	93 ppm
5	03-12-2020	pH	7.12

**Analysis report of water sample received from Maintenance department**

S.NO	DATE	PARAMETER	REPORT
1	03-12-2020	Hardness	CH= 82 ppm NCH= 32 ppm TH= 114 ppm
2	03-12-2020	Alkalinity	$\text{CO}_3^{2-}$ = 14 ppm $\text{OH}^-$ = 5 ppm $\text{HCO}_3^-$ = 19 ppm
3	03-12-2020	Dissolved Oxygen (D.O.)	7.0 ppm
4	03-12-2020	Chloride	102 ppm
5	03-12-2020	pH	7.14

For  
V. Balaraman  
5/12/21

(Dr.L.Muruganandam)

HOD/Chemistry