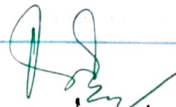


2018-2019

NOTICE

The department of chemistry is very happy to inform you that a certificate course in "Water Quality Analysis" will be started from Nov-2018 to Dec-2018. The course is open to all the students of this college. Those who are interested to join in this course may contact Head of the department of chemistry for further details.


Principal

Government Degree College, Raizole

Department of Chemistry

30 Days Certificate Course on

Water Quality Analysis

Syllabus :

① Water quality parameters :

Physical parameters, chemical parameters, biological parameters, colour, turbidity, determination of TDS, determination of conductance, p^H value.

② Hardness of water :

Formation of hard water, types of hard water, degree of hardness, units of hardness; Determination of hardness, disadvantages of hard water, domestic purposes, industrial purposes.

③ Dissolved oxygen, Biological oxygen demand, chemical oxygen demand, determination of dissolved oxygen by Winkler's method

④ Determination of chlorides by Argentometric method
determination of fluorides by SPADNS method, determination of Nitrate by Phenol Disulphonic method
determination of sulphate by gravimetric method

GOVERNMENT DEGREE COLLEGE, RAZOLE.

DEPARTMENT OF CHEMISTRY

30 Days Certificate course

On

Water Quality Analysis

List Of Students

S.No	Name of the Student	Signature of the Student
1	L.Lakshmi Priya	L. Lakshmi Priya
2	P.Sireesha	P.sireesha
3	A.Durga Devi	A. Durga Devi
4	Gubbala Sireesha	Gubbala Sireesha
5	M. NagaLakshmi	M. Naga lakshmi
6	A .Vinay Kumar	A. Vinay kumar
7	T.Jyothi	T. Jyothi
8	K.Pravallika	K. Pravallika
9	Moka Vineetha	M. Vineetha
10	T.Kishore Kumar	T. kishore kumar
11	P.Kalyani	P. kalyani
12	Gubbala Sravani	Gubbala Sravani

[illegible]

[illegible]

GOVERNMENT DEGREE COLLEGE, RAZOLE.

DEPARTMENT OF CHEMISTRY

CERTIFICATE COURSE

Time:1:30h

Max.Marks:40M

Answer the following Questions.

8X5=40M

- 1.Explain Physical & Chemical Parameters.
- 2.What is Turbidity. Explain the Determination of Turbidity.
- 3.Write Short note on TDS.
- 4.What is Hard Water. Write its disadvantages.
- 5.How do you Determine the hardness of given sample of water.
6. Write the Determination of Dissolved Oxygen by Winkler's method.
7. Write Short note on BOD & COD.
8. Explain the determination of Chloride by Argentometric method.

GOVERNMENT DEGREE COLLEGE

Razole, East Godavari District, A.P.

www.gdcrazole.ac.in

Reaccredited by NAAC with grade "B"

Certificate Course on

"Water Quality Analysis"

2018-19



CERTIFICATE

This is to certify that Prof./Dr./Sri./Smt./Kum _____

Professor/Reader/Lecturer/Student in _____ of _____

Has successfully completed Certificate Course on " Water Quality Analysis" Conducted by Dept. of Chemistry, Government Degree College, Razole held from November – 2018 to December 2018.

IQAC Co-ordinator

In-charge
Dept. of Chemistry

Principal