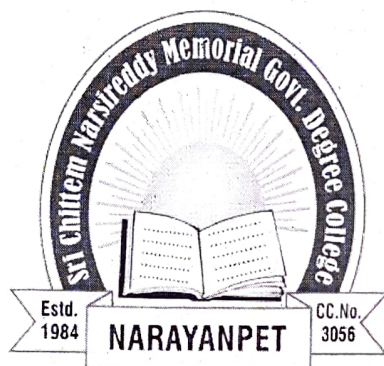


Sri Chittam Narsireddy Memorial
GOVERNMENT DEGREE COLLEGE:: NARAYANPET(3056)

Dist:NARAYANPET-509210



DEPARTMENT OF CHEMISTRY

CERTIFICATE COURSE

REGISTER

SRI CHITTEM NARSIREDDY MEMORIAL
GOVT DEGREE COLLEGE, NARAYANPET

DIST:NARAYANPET-509210.

DEPARTMENT OF CHEMISTRY

CIRCULAR

31.01.2021

All the students are here by informed that the Department of Chemistry is going to commence a Certificate course in Water Quality Analysis from Feb 1st 2021 in the afternoon session i.e. from 4pm to 5pm duration of the course 15 days only.

Further details for contact Nirmala Devi ,Lecturer in chemistry.

Head of the Department



PRINCIPAL
PRINCIPAL
Sri Chittem Narsireddy
Memorial Govt. Degree College
Narayanpet-509 210
NARAYANPET-Dist. T.S.

SRI CHITTEM NARSIREDDY MEMORIAL GOVT DEGREE COLLEGE, NARAYANPET

DIST: NARAYANPET-509210.

Course Duration :: 15 Days


(01.02.2021 to 15.02.2021)

DEPARTMENT OF CHEMISTRY

Minutes of Meeting

All the members of the Department of Chemistry assembled in the Department on 01.02.2021 and resolved to start a certificate course title Water Quality Analysis .The duration of the course is fixed as 15 days from 01.02.2021 to 15.02.2021 .It also decided to take permission to start the course from the Principal.

1. Md. Jani-HOD
2. Nirmala Devi-Course Coordinator


PRINCIPAL
PRINCIPAL
Sri Chittam Narsireddy
Memorial Govt. Degree College
Narayanpet-509 210
NARAYANPET-Dist. T.S.

Names of the students enrolled for certificate course :2020-21

S.No	HallTicket Number	Name of the student	Year & Group	Signature
1	19033056445003	Adem Srividhya	II & BZC	A. Srividhya
2	19033056445004	A Preen Begum	"	A Preen
3	19033056445007	Arjun Kumar	"	Arjun Kumar
4	19033056445009	Asma Nishath	"	Asma Nishath
5	19033056445011	Aysha Muskan	"	Aysha Muskan
6	19033056445013	B. Ashwini	"	B. Ashwini
7	19033056445015	Ch. Raju	"	Ch Raju
8	19033056445019	D. Susmitha	"	Susmitha
9	19033056445027	H. Nandini	"	Nandini
10	19033056445029	K. Sai Madhuri	"	Saimadhuri
11	19033056445032	Md. Azizur Rahman	"	Azizur Rahman
12	19033056445039	Nazreen Shereen	"	Nazreen
13	19033056445050	Shaishita Sanobar	"	Shaishita Sanobar
14	19033056445052	S. Priyanka	"	S. Priyanka
15	19033056445059	Vaishya Kumari	"	Vaishya Kumari

Syllabus of the Certificate course

Title : Water Quality Analysis

1. Introduction
2. Estimation of Alkalinity (Potentiometric method)
3. Estimation of Calcium (EDTA titrimetric method)
4. Hardness (EDTA titrimetric method)
5. Chemical Methods of Estimation of Chloride, nitrate, sulphate and Iron
6. Chemical Oxygen Demand (Dichromaté Reflux method)
7. Demonstration of usage of Deep-vision digital water and Soil analysis model-161

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SRI CHITTEM NARSIREDDY MEMORIAL GOVT DEGREE COLLEGE
NARAYANPET-509210. DIST: NARAYANPET



DEPARTMENT OF CHEMISTRY
Certificate Course in "Water Quality Analysis"
CERTIFICATE

This is to certify that Mr./Miss: _____

Studying _____ Degree course has completed **Certificate course in Water Quality Analysis** during the academic year _____, conducted by the Department of Chemistry.

Head of the Department

Principal

SCNM GDC NARAYANPET (3056)

CERTIFICATE COURSE MCQ TEST

Water quality analysis multiple choice questions

1. The nitrate concentration in domestic water supplies, is generally limited to ()
 - (a) 10 ppm
 - (b) 15 ppm
 - (c) 30ppm
 - (d) 45ppm.

2. Carbonate in water produce ()
 - (a) Temporary hardness.
 - (b) Permanent hardness
 - (c) Acidity
 - (d) Alkanity

3. Ground water from artesian wells ()
 - (a) Contains no suspended materials
 - (b) Contain dissolved salts
 - (c) All the above.

4. Alum is a ()
 - (a) Coagulant.
 - (b) Flocculant
 - (c) Catalyst
 - (d) Disinfectant

5. Sluice valves are fitted in a distribution system ()
 - (a) Along straight length of pipes at suitable intervals
 - (b) At the junction of the pipes
 - (c) At the branching off points of submains
 - (d) All the above.

6. The ratio of maximum hourly consumption and average hourly consumption of the maximum Day, is ()
 - (a) 12
 - (b) 15
 - (c) 18
 - (d) 27 .

7. If the average daily demand of a city of 50,000 population is 20 m.i.d. the maximum daily Demand is ()
 - (a) 24 m.i.d.
 - (b) 30 m.i.d.
 - (c) 36 m.i.d...
 - (d) 54 m.i.d.

8. Aqueducts are generally designed

()

- (a) circular
- (b) rectangular
- (c) Horse shoe section
- (d) All the above.

9. water losses in water supply, is assumed as

()

- (a) 5%
- (b) 7.5%
- (c) 10%
- (d) 15%.

10. The requirement of water per capita per day is

()

- (a) 90 liters.
- (b) 120 liters
- (c) 250 liters
- (d) 400 liters

