

ANDHRA CHRISTIAN COLLEGE :: GUNTUR
(Day, Evening & P.G.)
NOTICE

Date :06-06-2019

All the 1st, 2nd and 3rd year B.Sc. students are hereby informed to submit their names for the certified course on "Soil Testing and Analysis " for the academic year 2019-2020 to the H.O.D., Department of Chemistry, Guntur on or before 13-6-2019. The Course will commence from 13-06-2019 and the duration of the course is 30 days.


H.O.D.
Dept of Chemistry

Copy to:

1. The Co-ordinator, IQAC, Andhra Christian College.
2. The Office Manager, Andhra Christian College.


PRINCIPAL
PRINCIPAL
ANDHRA CHRISTIAN COLLEGE
(Day, Evening & P.G.)
GUNTUR

ANDHRA CHRISTIAN COLLEGE, GUNTUR
Department Of Chemistry

Certificate Course in Soil Testing and Analysis

Duration : 1 Months

Eligibility : Intermediate with Science

COURSE OBJECTIVES

- To bring awareness about the importance of soil and water testing among the farming community for increased yields.
- To evaluate the fertility status of our state and prepare the soil fertility maps for fertilizer recommendations
- To know the basic information about soil and its analysis.
- To familiarize to the methods of sampling.


HEAD, CHEMISTRY DEPARTMENT
A.C. COLLEGE, GUNTUR.

Soil Testing and Analysis

Lectures to be Delivered : 30

Max. Marks : 25

- Unit – I : Importance of Soil Testing and Analysis 8 Hours (5)
- Unit – II : Sample Collection and Processing Purpose of Soil testing and analysis, selection of field, Method of Soil Sample collection Methods of soil sample processing, precautions during soil collection & processing, Preservation labelling and Storage of soil samples, various types of tools used for collection. 12 Hours (7)
- Unit – III : Study of Instruments:
Brief study of instruments : PH Meter, Conductivity meter, spectrometer, UV-Spectrophotometer, (Calibration, Instrumentation, applications only) use of soil testing kit and mobile soil testing van. Kjeldahl's Assembly for determination of nitrogen. 8 Hours
- Unit – IV : Study of Laboratory Setup
Laboratory Layout, Built up area, Laboratory requirements, working pattern, budget requirement, trained manpower, various funding schemes and agencies. 10 Hours
- Unit – V : Soil Testing Methods
P^H measurement, Estimation Of Organic Carbon, Estimation Of Nitrogen, Estimation Of Phosphorous, Estimation Of Potash

Books Recommended (Books suggested for Reading) :

1. Soil Sampling, Preparation and analysis, Marcell Dekker, Inc, New York.
2. Soil Sampling and methods of analysis, carter M.R. and E.G.Gregorich, 2007, 2nd Ed..
3. Methods of soil analysis, Part, American society of Agronomy Inc., Kuete, A.Et.at., 1986.

SOIL ANALYSIS COURSE - SCHEDULE

S.No	Name Of The Topic	Alloted Hours
1.	UNIT-1 Importance of soil testing and analysis	3 hours
2.	UNIT-2 Sample collection and processing	5 hours
3.	UNIT-3 Study of instruments	5 hours
4.	UNIT-4 Study of laboratory setup	5 hours
5.	UNIT-5 Soil testing methods	12 hours
	Total	30 hours



June 2019 to July 2019

Y17 Batch

Soil Analysis

Agriculture Course

PCB 587/AR, GNT-227230, 924750277

Month		Year		PUPILS ATTENDANCE REGISTER																	No. of School Days		Class												
																					Average Att		Section												
Roll No	Name	Castes	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	No. of Days present	No. of Days
1	A. Anji Babu	913	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	23	
2	C. Anjanulu	923	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	24	
3	R. Jagdish	910	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	25	
4	D. Sai Sasi	907	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	25	
5	D. Vidya Sasi	908	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	26	
6	D. Sunil Kumar	938	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	20	
7	E. Surya	911	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	21	
8	G. Madhavi	918	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	20	
9	H. Anjali Kalyani	921	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	24	
10	J. Kuntla	903	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	25	
11	K. Divyashree	901	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	22	
12	K. Sri Lakshmi	922	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	25	
13	K. Mallika	924	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	21	
14	K. Krishnaiah	916	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	20	
15	L.P. Melaniya	928	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	22	
16	M. Bharathi Prakash	917	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	22	
17	N. Madhuri	930	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	23	
18	N. Prathiba	909	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	23	
19	N. Saanya	909	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	21	
20	N. Kotiah Naik	1001	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	25	
21	P. Hemanna	902	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	25	
22	P. Ananya Mary	904	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	23	
23	P. Vinod Kumar	613	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	23	
24	P. Prathibha	612	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	22	
25	P. Jeeva Yatonam	611	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	22	
26	P. Prasadiah	614	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	21	
27	P. Jaggeswara Rao	621	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	24	
28	P. Sunny Kumar	615	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	24	
29	P. Lakshmi Reddy	606	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	25	
30	P. Sai Bharathi	607	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	25	



ANDHRA CHRISTIAN COLLEGE
(Deo, Edu, Insp & P.G.)
CONTUR

HEAD, CHEMISTRY DEPARTMENT
A.C. COLLEGE, CONTUR

“Ye shall know the Truth and the Truth shall set you free”

Andhra Christian College::Guntur

(Day, II Shift & P. G.)

Accredited with A-grade by NAAC



Estd. 1885

CERTIFICATE

This is to certify that Mr. / Ms. D. RAMYA

Class I B-E, Regd. No. 930 has participated and successfully completed Certificate Course in *SOIL TESTING AND ANALYSIS* conducted by the Department of Chemistry from 13-06-2019 to 19-07-2019 and obtained Grade A.


Coordinator


PRINCIPAL
ANDHRA CHRISTIAN COLLEGE
(Day, Evening & P.G)
GUNTUR

"Ye shall know the Truth and the Truth shall set you free"

Andhra Christian College::Guntur

(Day, II Shift & P. G.)

Accredited with A-grade by NAAC



Estd. 1885

CERTIFICATE

This is to certify that Mr. / Ms. M. NAGA SRI VYSHNAVI

Class T.B.Sc, Regd. No. 601 has participated and successfully completed Certificate Course in *SOIL TESTING AND ANALYSIS* conducted by the Department of Chemistry from 13-06-2019 to 19-07-2019 and obtained Grade ____.


Coordinator


PRINCIPAL
ANDHRA CHRISTIAN COLLEGE
(Day, Evening & P.G)
GUNTUR