

2020-21.  
Certificate course of  
Date 15/02/22 BOTANY Department



Permission letter.

permission letter.

Bhadrachalam,  
Dt:-15/02/22

To  
The principal,  
GDC,  
Bhadrachalam.

Sub:- Wanted permission  
to run certificate course in dept  
of botany for 30 day reg-reg.

Sir,  
We, Department of  
Botany wanted to conduct  
Certificate course for B.Sc Life  
Science students for 30 days in  
a given below topic. So please  
give permission.  
Topic :- Soil sampling & soil testing

Thanking you,

permitted  
by  
1/2

Principal  
Govt. Degree College  
Bhadrachalam-5  
Bhadrachalam, J.S.R.

Yours faithfully,  
Dr. CH. GUPTHA.  
HEAD  
Dept. of Botany  
GDC,  
Bhadrachalam.

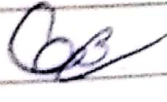
Date \_\_\_\_\_

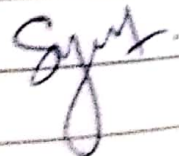



## Minutes of the Meeting

A Departmental meeting was conducted on "Certificate Course" for B.Sc. Life Science students. The following faculty members are present for the meeting. After discussion on the following certificate course were introduced "soil sampling and soil testing".

Faculty members present :-

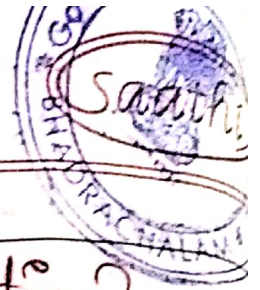
1. Dr. CH. GUPTHA - 

2. S. Syam Prasad - 

  
Principal  
Gen. Degree College  
Bhadrachalam  
T.S.



Date 11/11/2019



## Minutes of the Meeting

A Departmental meeting was conducted on "Certificate Course" for B.Sc Life Science students. The following faculty members are present for the meeting. After discussion the following certificate course was introduced "Soil Sampling and Soil Testing".

Faculty members present :-

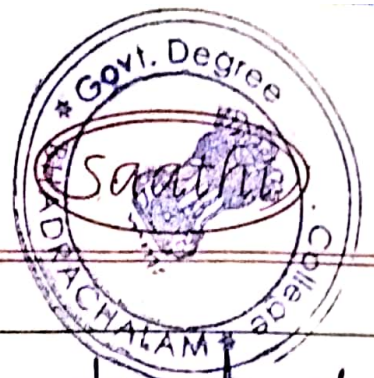
1. Dr. CH. Gupta -

2. S. Syam Prasad -

Principal  
Govt. Degree College  
Bhadrachalam  
Bhadrachalam Dist.

# NOTICE :

Date 12/02/2020



On behalf of 'Department of Botany' certificate course has been conducted to B.Sc (Life sciences) students for 30 days for all B.Sc I, II & III years.

Course has been started from 15/02/20.

Topic :- "Soil Sampling and Soil Testing"

Introduction :-

In Agriculture, a soil test commonly refers to the analysis of soil sample to determine nutrient content, composition, and other characteristic of acidity or pH level.



Date \_\_\_/\_\_\_/\_\_\_



### OBJECTIVES :-

- 1) To find out initial fertility status of soil.
- 2) To know the suitability of soil for raising different crops.
- 3) To find out relationship between soil test values and crop response.
- 4) To give fertilizer recommendations for different crops.

Date \_\_\_ / \_\_\_ / \_\_\_

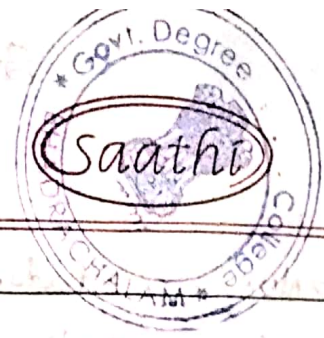


SYLLABUS :- Theory = 16 hrs  
Practical = 14 hrs  
Total = 30 hrs

1. soil - definition - Components of soil -  
function of soil.
2. soil properties in relation to plant  
growth - Physical, chemical and  
Biological properties.
3. soil sampling and testing - Definition  
Importance in crop production
4. objectives of soil testing - Types
5. Tools used in soil sampling.
6. procedure for soil sampling
7. precautions to be taken while  
collecting soil samples.
8. methods of soil testing - soil  
texture, soil pH, Carbon, N, P, K  
Contents.



Date \_\_\_/\_\_\_/\_\_\_

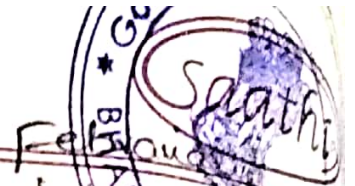


out come :-

By the end of course,

- Students are able to learn about soil sample collection procedure and soil testing.
- Based on soil test values can give fertilizer recommendations.

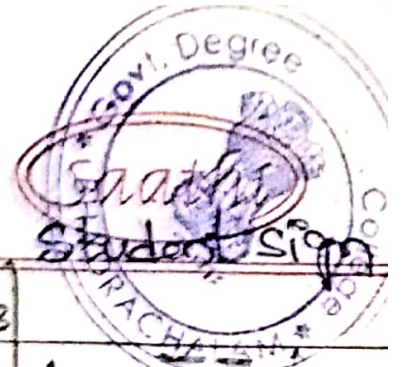
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S.No.	Student Name	Roll NO.	15	18	19	20	21	22	23	24	25	26	27	28	29	30
01	Madipalli. Sridevi	033203006	P	P	P	P	P	P	P	P	P	P	P	P	P	P
02	Amrutham. Anusha	033203201	P	P	P	P	A	P	P	P	P	P	P	P	P	P
03	B. Srividhya	033203204	P	P	P	P	P	A	P	P	P	P	P	P	P	P
04	Gatla. Kanyasree.	033203211	A	P	P	A	A	P	P	P	P	P	P	P	P	P
05	G. Naga Sai Kiran	033203212	P	P	P	P	P	P	P	P	P	P	P	P	P	P
06	Arpa. P.B. Rani	033203213	P	P	A	P	A	A	P	P	P	P	P	P	P	P
07	Kangala. Maheswari	033203214	P	P	A	P	P	P	A	P	P	P	P	P	P	P
08	Sudipaka. Mounika	033203048	P	P	P	P	P	P	A	P	P	P	P	P	P	P
09	Thokala. Manasa	033203051	A	P	P	A	A	A	A	P	P	P	P	P	P	P
10	Thota. Vinayasri	033203052	A	P	P	P	P	P	A	P	P	P	P	P	P	P
11	V. Rahul Gandhi	033203053	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	V. Vasalaximi	033203054	P	P	P	P	P	P	A	P	P	P	P	P	P	P
13	V. Shireesha	033203055	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	Yettir. Anjaneyulu	033203056	P	P	P	P	P	P	A	P	P	P	P	P	P	P
15	Nupa. Bhavathi	033203057	A	P	P	P	P	P	A	P	P	P	P	P	P	P
16	Pittala. Vamshi	033203058	P	P	P	P	P	P	A	P	P	P	P	P	P	P



Date: / /



25	26	27	28	29	30	01	02	03	04	05	06	07	08	09	10	12	15	16	17	18	19	20	22	23	
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P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	B. Sividy
P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P. Sanyal
A	A	A	A	A	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	Nigal Kiran
A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	Pai
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P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P. Vamshi



Date / /

Saathi

Date / /

