

Dr. V.S. KRISHNA GOVERNMENT DEGREE



VISAKHAPATNAM



Add-on course

on

Horticulture techniques



CONDUCTED BY DEPARTMENT OF BOTANY

GENERAL OBJECTIVES OF THE COURSE:

1. To inculcate the importance of studying horticultural practices and usage of horticultural crops.
2. To equip the students with practical knowledge of horticultural practices.
3. To familiarize the students with the horticulture based industries at national and international level.
4. To impart the basic skills of entrepreneurship in the students specifically in the field of horticulture.

Let's
(Dr. P. Srivani)

PRINCIPAL
Dr. V.S. Krishna Govt. Degree College (A)
VISAKHAPATNAM

PERMISSION LETTER TO START ADD ON COURSE

FROM

Head of the Department

Department of Botany

Dr.V.S. Krishna Government Degree college (A)

Visakhapatnam.

TO

The Principal

Dr. V.S. Krishna Govt. Degree college (A)

Visakhapatnam

Respected Sir,


SUB: Permission to start an Add-on course for the academic year 2019-20

and nominate the Botany faculty to teach classes for the add on course –Regarding.

REF: Resolution copy of the Department of Botany

As per the resolutions of the department of Botany, We are very much glad to start an Add-on Course with a title Horticultural techniques for II B.Sc.(CBZ,CBBT) students Hence ,We are requesting you to gave permission to start the Add on course and also permission to teach theory and Practical classes for the said on course.

Yours faith fully


(Dr. P. Saravani)

Dr. V.S.Krishna Government Degree college (A)

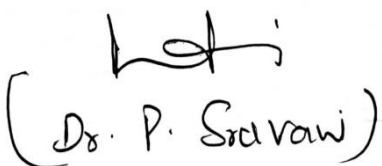
Department of Botany

Department-Meeting

Minutes of meeting dated-

The faculty of Botany Department met in the Department staff room on ----- and discussed the following Matter

1. It is resolved to start Add on course in the Department pf Botany in the Academic year
2. To submit a letter to the principal for getting permission to start Add on course
3. To prepare syllabus to the Add on course
4. to start the course with the minimum no.of students 20
5. To conduct classes for Add on course 20+20 Teaching and practical hours respectively
6. Permission to conduct Add on course classes by the Botany faculty
7. Permission to utilize the Botany laboratory to conduct the practicals for Add on course
8. Continuing the add on course for the next 2 years


(Dr. P. Saravani)

DR. V. S. KRISHNA GOVT. DEGREE AND PG COLLEGE (A)

DEPARTMENT OF BOTANY

ADD ON CERTIFICATE COURSE-1

1. Subject: **HORTICULTURE TECHNIQUES**

2. Number of Instructional hours required: 30 (Theory – 30 & Hands on experience - 30)

3. Number of Credits to be awarded: 01

4. Period of Study: In any semester of the choice of the student.

5. Objectives:

- To impart the basic knowledge in Horticulture.
- To learn the creative methods of landscaping and make use of waste land.
- To learn various types of vegetable cultivation.
- To learn flowering and non-flowering ornamental plant cultivation methods at basic level to become entrepreneurs.

6. SYLLABUS – THEORY

5x6=30 hrs

Module 1: Introduction & History Divisions of Horticulture

Module 2: Horticulture & Society, Horticulture therapy

Module 3: Vegetables and vegetable gardening

Module 4: Bonsai Culture

Module 5: Landscaping

7. Practicals: Project Submission and field trips

30hrs

1: Micro Irrigation

2: Vegetables and vegetable gardening

3: Bonsai Culture

4: Landscaping

5: Resource Centres for Practicals – VUDA Gardens, Kailasagiri Gardens,

Sivaji Park, CMR Gardens, Dolphins Nature Conservation Society -

Biodiversity Park

DR.V. S. KRISHNA GOVT. DEGREE AND PG COLLEGE (A)

MODEL QUESTION PAPER

ADD-ON -COURSE: HORTICULTURE TECHNIQUES

Time: 2hours

Max Marks: 50

Answer any three from the following:

10 X 3 =30M

1. What is Horticulture? Give a general account on horticulture and its techniques.
2. Write an essay on the general principles of vegetable gardening.
3. Write an essay on the cultivation of vegetable crops with specific example.
4. What is Bonsai? Describel the principles of Bonsai trees cultivation
5. Write an essay on types of Landscaping.

Write any four of the following short answers:

4 X 5 – 20M

1. Horticulture and society
2. Benefits of vegetable gardening
3. Styles of Bonsai
4. Home Gardens
5. Drip irrigation
6. Landscaping designing
7. Categories of Landscaping
8. Goals of Landscaping

Add on course: HORTICULTURE
TECHNIQUES

2019-20

S.No.	Name of the Student	ID Number	
1	J. Rupa	T17203078	
2	Sk. Jainab Begum	T17203053	
3	D. Sivisha	T17203085	
4	J. Venaja	T17203094	
5	G. Swathi	T17203099	K. Rajeswari
6	K. Aswini	T17203034	
7	B. Rama Rao	T17203073	
8	Y. Ramya	T17203076	
9	K. Ramu	T17203075	
10	B. Kanakamalaxmi	T17203054	
11	A. Bhagya Lakshmi	T17203035	B. Rajani
12	S. Bhupalakshmi	T17203037	
13	Ch. Anuradha	T17203038	
14	V. Mounika	T17203061	A. Triveni
15	F. Lalitha	T17203055	K. Devi
16	S. mutyalaramma	T17203062	
17	D. Shanithi	T17203084	
18	K. Yamini	T17203098	
19	K. Sateesh	T17203080	
20	A. Nagesh	T17203063	
21	P. Radha	T17203071	

S.No	Name of the student	ID number	
22	A. Nageswaraiah K. N. N. Babu. T17203064	T17203063	
23	Ch. Sathish Ch. Achamma	T17203082	
24	B. Bhanu	T17203060	
25	K. Gowrish	T17203051	
26	B. Sathi Babu	T17203081	
27	G. L. P. ANISHA	E17203009	
28	K. Swarna	E17203021	K. Swarna
29	P. Raviteja	E17203017	
30	E. Garima	E17203004	
31	P. Bhavana Prasanna	E17203003	
32	T. Kousalya	E17203002	
33	P. Sathi	E17203022	
34	B. Poorna	E17203014	
35	P. Vijaya Lakshmi	E17203023	
36	G. Ambedkar	E17203001	
37	L. Sudhakar Babu	E17203020	
38	K. Madhava	E17203009	
39	S. Ramesh Babu N. Ravan Kalyan	E17203017	
40	J. Kirtan Kumar N. Srinivasa Murthy	E17203007 E17204020	
41	E. Lakshmi Suresh	E17203008	K. Dayani E17204006
42	(P. Ramya Sri)	E17204017	[BT. B. C] BSC III rd
43	(K. Nagandra)	E17204013	[BT. B. C] BSC III rd
44	CH. Yamini	E17204026	[BT. B. C] BSC III rd
45	K. Yessu Naidu	E17204027	[BT. B. C] BSC III rd
46	K. Anand		
47	R. Karthik		
48	(H. Akhil)		

Dept. of Botany - 2019-2020
Horticulture add-Course

- 1) Write an essay on layering and cutting as vegetative propagation methods
- 2) Write about Bonsai Cultivation
- 3) Green House and Mist Chamber
- 4) Write about objective, scope of Nursery and different types of Nurseries
- 5) Write about famous gardens of India.

DR.V.S.KRISHNA GOVT. DEGREE & P.G COLLEGE (A), VISAKHAPATNAM, CODE: HT2016

**DEPARTMENT OF BOTANY,
ADD-ON COURSE –HORTICULTURE TECHNIQUES,
AWARD LIST 2019-20**

S.No.	CLASS	ID NUMBER	Name of the student	MARKS-50	GRADE
1.	III CBZ-TM	T17203078	J.Rupa	45	A
2.		T17203053	SK Jainab Begum	43	A
3.		T17203085	D. Sirisha	41	A
4.		T17203094	J. Vanaja	40	A
5.		T17203073	B. Ramarao	41	A
6.		T17203076	Y.RaMYA	40	A
7		T17203037	Y. Bhu Lakshmi	42	A
8		T17203038	B. Chandrasekhar	42	A
9.		T17203062	S. Mutyalamma	44	A
10.		T17203084	P.Shanti	43	A
11.		T17203098	K.Yamini	40	A
12		T17203080	K. Satish	41	A
13.		T17203063	A. Nagesh	40	A
14.		T17203071	P.RAdha	42	A
15		T17203064	K.Nani Babu	41	A
16.		T17203051	K.Gowrish	45	A
17.		T17203081	B.Sathi Babu	46	A
18.	BTBC	E17204016	K.Rajeswari	45	A
19		E17203009	GLP ANisha	40	A
20		E17203021	K.Suvarna	43	A

21		E17203017	P.Ravi Teja	43	A
22		E17203004	E.Garima	42	A
23		E17203003	P. Bhavana Swarupa	40	A
24		E17203002	T.KOusaLya	43	A
25		E17203022	P.Swathi	45	A
26		E17203014	B.Poorna	44	A
27		E17203023	T. Vijaya Lakshmi	46	A
28		E17203001	G.Ambedkar	41	A
29		E17203020	L. Sudhakar babu	40	A
30		E17204017	P.Ramya Sri	46	A
31		E17204013	K. Nagendra	42	A
32		E17204026	Ch. Yamini	41	A
33		E17204027	K. Yerru Naidu	40	A

h
(Dr. P. Saravani)



PRINCIPAL
Dr. V.S. Krishna Govt. Degree College (A)
VISAKHAPATNAM



Dr. V.S. KRISHNA GOVT. DEGREE COLLEGE(A)



(NAAC ACCREDITED 'A' GRADE INSTITUTION & DISTRICT IDENTIFIED COLLEGE)

MADDILAPALEM, VISAKHAPATNAM-530013. ANDHRA PRADESH

ADD-ON COURSE CERTIFICATE

2019 - 2020

This is to certify that Mr. / Miss P. Radha of

B.Sc. (B2) (T.M) has successfully completed the Add - on Course in..... Horticulture Techniques.....

with Regd No..... T17203071..... Organized by the Department of..... Botany..... in

collaboration with..... during year 2019 - 2020 . He / She has passed the course with

..... 'A' grade.


Course Coordinator


PRINCIPAL
Dr. V.S. Krishna Govt. Degree College(A)



Dr. V.S. KRISHNA GOVT. DEGREE COLLEGE(A)

(NAAC ACCREDITED 'A' GRADE INSTITUTION & DISTRICT IDENTIFIED COLLEGE)
MADDILAPALEM, VISAKHAPATNAM-530013. ANDHRA PRADESH



ADD-ON COURSE CERTIFICATE

2019 - 2020

This is to certify that Mr. / Miss K. Suvarna.....of

B.S. Co. (E.M).....has successfully completed the Add - on Course in Horticulture Technician.....

with Regd No. E17203021.....Organized by the Department of Botany..... in

collaboration with.....during year 2019 - 2020 . He / She has passed the course with

A.....grade.


Course Coordinator


PRINCIPAL
Dr. V.S. Krishna Govt. Degree College(A)



Dr. V.S. KRISHNA GOVT. DEGREE COLLEGE(A)

(NAAC ACCREDITED 'A' GRADE INSTITUTION & DISTRICT IDENTIFIED COLLEGE)
MADDILAPALEM, VISAKHAPATNAM-530013. ANDHRA PRADESH



ADD-ON COURSE CERTIFICATE

2019 - 2020

This is to certify that Mr. / Miss B. Rama Rao of

B.Sc. (C.B.Z.) has successfully completed the Add - on Course in Horticulture Techniques

with Regd No. T.17202073 Organized by the Department of Botany in

collaboration with..... during year 2019 - 2020 . He / She has passed the course with

A1 grade.

Lgi
Course Coordinator

V. C. Srinivas
PRINCIPAL 20/10/20
Dr. V.S. Krishna Govt. Degree College(A)



Dr. V.S. KRISHNA GOVT. DEGREE COLLEGE(A)

(NAAC ACCREDITED 'A' GRADE INSTITUTION & DISTRICT IDENTIFIED COLLEGE)
MADDILAPALEM, VISAKHAPATNAM-530013. ANDHRA PRADESH



ADD-ON COURSE CERTIFICATE

2019 - 2020

This is to certify that Mr. / Miss A. Nagesh of
B.Sc. C52 (S.M) has successfully completed the Add - on Course in Horticulture Techniques
with Regd No. T.17203063 Organized by the Department of Botany in
collaboration with during year 2019 - 2020 . He / She has passed the course with
..... A' grade.


Course Coordinator


PRINCIPAL 27/10/19
Dr. V.S. Krishna Govt. Degree College(A)



Dr. V.S. KRISHNA GOVT. DEGREE COLLEGE(A)

(NAAC ACCREDITED 'A' GRADE INSTITUTION & DISTRICT IDENTIFIED COLLEGE)
MADDILAPALEM, VISAKHAPATNAM-530013. ANDHRA PRADESH



ADD-ON COURSE CERTIFICATE

2019 - 2020

This is to certify that Mr. / MissJ. Nanaja.....of
M. B.S. (B.S.2: (T.M)).....has successfully completed the Add - on Course in Horticulture Techniques.....
with Regd No. T17203094.....Organized by the Department of Botany..... in
collaboration with.....during year 2019 - 2020 . He / She has passed the course with
.....'A'.....grade.


Course Coordinator


PRINCIPAL 25/10/2019
Dr. V.S. Krishna Govt. Degree College(A)