

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.

hcti
(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,

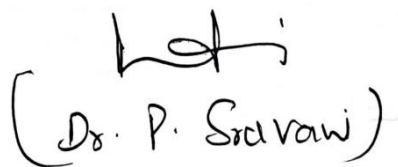
SUB: Permission to start an Add-on course for the academic year 2020-21

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 I, /II /III 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)

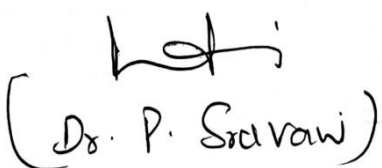
Department of Botany

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 of 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. Sravani)

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

Module1: Introduction& History Divisions of Horticulture

Module 2:, Horticulture & Society, Horticulture therapy

Module 3: Vegetables and vegetable gardening

Module4: 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 | 5. Drip irrigation |
| 2. Benefits of vegetable gardening | 6. Landscaping designing |
| 3. Styles of Bonsai | 7. Categories of Landscaping |
| 4. Home Gardens | 8. Goals of Landscaping |

2020-21 BTB C

S.No	Id.No	Name of the student	Signature
1.	E18204030	M. Sravani	M. Sravani
2.	E18204011	K. Jyothi	K. Jyothi
3.	E18204001	P. Anusha	P. Anusha
4.	E18204006	N. Chandini	N. Chandini
5.	P. Kalyani E18204013	P. Kalyani	
6.	P. Kalyani E18204016	P. Madhukatha	
7.	E18204033	K. Swathi	
8.	E18204032	L. Suvarna	
9.	E18204035	K. Vasundhara	
10.	E18204021	P. praveen	
11.	E182040180	N. Durgaprasad.	
12.	E18204034	K. Varaprasad.	
13.	E18204003	L. Achyutha Rao	
14.	E18204018	M. Mohan Rao	
15.	G. Sowmyasree (E18204022)	G. Sowmyasree	
16.	E18204025	V. Ramya	
17.	E18204007	S. Chandra Sekhar	
18.	E18204027	N. Santhosh Kumar,	
19.	E18204026	P. Sampath Kumar	
20.	E18204028	D. Sasi Kumar	
21.	E18204082	G. Pydi Raju	
22.	E18204009	K. Dinesh babu.	

Add-on-Course: "Horticulture Techniques"

BZC(FM) & B.TBC

S.No	I.D number	Name of the student	Signature
1.	E19203004	P. Ishwarya	P. Ishwarya
2.	E19203007	T. Kumari	T. Kumari
3.	E19203012	S. Navya	S. Navya
4.	E19203014	M. Poornima	M. Poornima
5.	E19203009	R. Lakshman	R. Lakshman
6.	E19203023	B. Yugandhar	B. Yugandhar
7.	E19203006	J. Kavya Prabha	J. Kavya Prabha
8.	E19203005	S. Jyothi	S. Jyothi
9.	E19203003	A.D.P.G.V Sai lakshmi	A.D.P.G.V. Sailakshmi
10.	E192030090	K. murali Krishna	K. murali Krishna
11.	E19203022.	K. Venkat lakshmi	K. Venkatalakshmi
12.	E19204007	S. Gowthami	S. Gowthami
13.	E19204026	T. Saraswathi	T. Saraswathi
14.	E19204016	P. Maheswari	P. Maheswari
15.	E19204013	K. Keerthi	K. Keerthi
16.	E19203019	S. Sushma	S. Sushma
17. →	E19203018	V. Suman	V. Suman
18. →	E19204014	A. Kisan Kumar	A. Kisan Kumar
19. →	E19203017	J. Siva Kumar	J. Siva Kumar
20.	E19204024	N. Sai Praveen	N. Sai Praveen
16	Total		

DR.V.S.KRISHNAGOVERNMENT DEGREE COLLEGE(A)

DEPARTMENT OF BOTANY

ADD ON COURSE 2020-21 Group: BZC/BTBC E.M

[illegible]

23	E19203004	P.Iswarya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	E19203007	T.Kumari	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	E19203012	S. Navya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	E19203014	M. Poornima	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	E19203008	P.Lakshman	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	E19203013	B.Yugandhar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	E19203003	ADPGV Sai Lakshmi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	E19203010	K.Muralidhar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	E19203022	K.Venkata Lakshmi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	E19203007	S. Gowthami	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	E19203026	T.Saraswathi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	E19203016	P.maheswari	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	E19203023	K.Keerthi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	E19203019	S. Sushma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	E19203017	J.Siva kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	E19203024	N. Sai praveena	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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(Dr. P. Sravani)

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

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

**DEPARTMENT OF BOTANY,
ADD-ON COURSE –HORTICULTURE TECHNIQUES,
AWARD LIST 2020-21**

S.No.	CLASS	ID NUMBER	Name of the student	MARKS-50	GRADE
1.	III CBZ & BTBC	E18204030	M.Sravani	47	A
2.		E18204011	K.Jyothi	41	A
3.		E18204001	P.Anusha	40	A
4.		E18204006	N.Chandini	42	A
5.		E18204013	P.Kalyani	44	A
6.		E18204016	T.Madhulatha	41	A
7.		E18204033	K.Swathi	42	A
8.		E18204032	L.Suvarna	42	A
9.		E18204035	K.Vasundhara	48	A
10.		E18204021	P.Praveena	42	A
11.		E18204010	N.Durga Prasad	40	A
12.		E18204034	K.Varaprasad	40	A
13.		E18204003	L.Achutha raqo	41	A
14.		E18204018	M. Mohana rao	42	A
15.		E18204029	G.Sowmya sri	44	A
16.		E18204025	V.Ramya	46	A
17.		E18204007	S. Chandrasekhar	45	A
18.		E18204027	N.Santhoshi Kumari	41	A
19.		E18204026	P.Sampath Kumar	40	A
20.		E18204028	D. Sasi Kumar	40	A

21		E18204022	G. Pydi raj	44	A
22		E18204002	K.Dinesh babu	40	A
23		E19203004	P.Iswarya	42	A
24		E19203007	T.Kumari	43	A
25		E19203012	S. Navya	45	A
26		E19203014	M. Poornima	42	A
27		E19203008	P.Lakshman	40	A
28		E19203013	B.Yugandhar	40	A
29		E19203003	ADPGV Sai Lakshmi	40	A
30		E19203010	K.Muralidhar	41	A
31		E19203022	K.Venkata Lakshmi	42	A
32		E19203007	S. Gowthami	44	A
33		E19203026	T.Saraswathi	41	A
34		E19203016	P.maheswari	43	A
35		E19203023	K.Keerthi	47	A
36		E19203019	S. Sushma	42	A
37		E19203017	J.Siva kumar	40	A
38		E19203024	N. Sai praveena	40	A

Let's
(Dr. P. Sravani)

V

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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

2010 - 2011

This is to certify that Mr. / Miss N. Ramya of
B.Sc CB2 (E.m) has successfully completed the Add - on Course in Horticulture Techniques
with Regd No. E182024025 Organized by the Department of Botany in
collaboration with..... during year 2010 - 2011 . He / She has passed the course with
A' grade.


Course Coordinator


PRINCIPAL
Dr. V.S. Krishna Govt. Degree College(A)
5/1/2011



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

2010 - 2011

This is to certify that Mr. / Miss D. Sasi Kumar of
B.Sc. CS2 E.m has successfully completed the Add - on Course in Horticulture Technology
with Regd No. E.1820.4028 Organized by the Department of Botany in
collaboration with - during year 2010 - 2011 . 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

2010 - 2011

This is to certify that Mr. / Miss J. Iruman.....of
B.Sc. (BTBC) E.M......has successfully completed the Add - on Course in Horticulture Techniques.....
with Regd No. E19203007.....Organized by the Department of Botany.....in
collaboration with.....during year 2010 - 2011 . 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

2010 - 2011

This is to certify that Mr. / Miss P. Anusha of
B.Sc. (B2c) E.m. has successfully completed the Add - on Course in Horticulture Techniques
with Regd No. E18204001 Organized by the Department of Botany in
collaboration with during year 2010 - 2011 . He / She has passed the course with
..... A grade.


Course Coordinator


PRINCIPAL
Dr. V.S. Krishna Govt. Degree College(A)
5/1/2021