

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.

Leti
(Dr. P. Srivani)

G. V. S. R.

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,

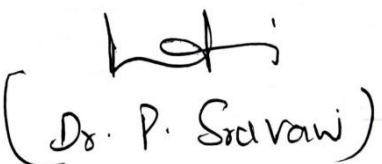
SUB: Permission to start an Add-on course for the academic year 2022-23

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 faithfully


(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. 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 |

HORTICULTURE Add-on Course

Examination

11-02-2023

S.No	Regd. No.	Name & Group	Signature
1.	T20203045	K. LOVARAJU (BZC (T.M))	K. Luvrajju
2.	T20203029	K. Arundhathi (BZC (T.M))	K. Arundhathi
3.	T20203048	A. Maheswari (BZC (T.M))	A. Maheswari
4.	T20203037	P. Govinda prajya (B.Z.C (T.M))	P. Govinda prajya
5.	T20203047	P. Madhavi (B.Z.C (T.M))	P. Madhavi
6.	T20203040	D. Kondabablu (BZC (T.M))	D. Kondabablu
7.	T20203053	R. Rajam Naidu (BZC (T.M))	R. Rajam Naidu
8.)	R.D.		
8.)	T20203034	R. Durgaprasad (BZC (T.M))	R. Durgaprasad
9.)	T20203025	A. Ajith (BZC (T.M))	A. Ajith
10.	T20203038	M. Govinda Raju (B.Z.C - T.M)	M. Govinda Raju
11.	E20204009	K. Mounika (BTBC E.M)	K. Mounika
12.	E20204005	S. Jyothsna (BTBC E.M)	S. Jyothsna
13.	E20204007	V. Mahalaxmi (BTBC E.M)	V. Mahalaxmi
14.	E20204012	A. Saijyothi (BTBC E.M)	A. Saijyothi
15.	E20204001	Y. Asmi Naidu (BTBC E.M)	Y. Asmi Naidu
16.	E20204010	N. pawan Kumar (BTBC E.M)	N. pawan Kumar
17.	E20204004	K. Tanalathan (BTBC - EM)	K. Tanalathan
18.	T20203042	M. Kumari (BZC - TM)	M. Kumari
19.	T20203036	B. Ganesh (BZC - TM)	B. Ganesh
20.	T20203035	V. Ganesh (BZC - TM)	V. Ganesh
21.	T20203032	K. Chandu (BZC - TM)	K. Chandu
22.	T20203030	M. Aruni (BZC - TM)	M. Aruni
23.	T20203033	N. Durga (B.Z.C - TM)	N. Durgaprasad

Sl No	Regd No	Name & Group	Signature
24	E 20204006	P. Kamaraju (BTBC)	P. Kamaraju
25	E 20204003	V. Gresh (BTBC)	V. Gresh
26	T 20203041	K. Kumari (BTBC)	K. Kumari

Department of Botany

ADD ON COURSE 2022-23 Group: BZC, BTBC E.M

S.N	Reg No	Name
0	T20203045	K.Lovaraju
1	T20203029	K.Arundathi
2	T20203048	A.Maheswari
3	T20203037	P.Govinda Priya
4	T20203047	P.Madhavi
5	T20203040	D.Konda Babu
6	T20203053	R.Rajam Naidu
7	T20203034	R.Durga Prasad
8	T20203025	A.Ajadh
9	T20203038	N.Govinda raju
10	E20204009	K.Mounika
11	E20204005	S.Joshna
12	E20204007	V.Mahalakshmi
13	E20204012	A.Sai Jyothi
14	E20204001	Y.Asami Naidu
15	E20204010	N.Pavan Kumar

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

**DEPARTMENT OF BOTANY,
ADD-ON COURSE –HORTICULTURE TECHNIQUES,
AWARD LIST 2022-23**

S.No.	CLASS	ID NUMBER	Name of the student	MARKS-50	GRADE
1.	III CBZ-TM	T20203045	K.Lovaraju	47	A
2.		T20203029	K.Arundathi	40	A
3.		T20203048	A.Maheswari	42	A
4.		T20203037	P.Govinda Priya	44	A
5.		T20203047	P.Madhavi	46	A
6.		T20203040	D.Konda Babu	43	A
7		T20203053	R.Rajam Naidu	42	A
8		T20203034	R.Durga Prasad	41	A
9.		T20203025	A.Ajadh	45	A
10.		T20203038	N.Govinda raju	42	A
11.		E20204009	K.Mounika	40	A
12	MBBTC	E20204005	S.Joshna	40	A
13.		E20204007	V.Mahalakshmi	40	A
14.		E20204012	A.Sai Jyothi	42	A
15		E20204001	Y.Asmi Naidu	41	A
16.		E20204010	N.Pavan Kumar	46	A
17.		E20204004	K.Janardhan	43	A
18.	III CBZ-TM	T20203042	M.Kumari	44	A
19		T20203036	B. Ganesh	40	A

20		T20203035	V.Ganesh	40	A
21		T20203032	K.Chandu	42	A
22		T20203030	M. Aswini	40	A
23	MBBTC	E20204033	N. Durga	45	A
24	MBBTC	E20204006	P. Kamaraju	46	A
25	MBBTC	E20204003	V.Ganesh	42	A
26	III CBZ-TM	T20203041	K.Kumari	43	A

Let's
(Dr. P. Saravani)

S. V. S.
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

2012 - 2013

This is to certify that Mr. / Miss K. Kuman.....of
B.Sc. CK 2 Tm.....has successfully completed the Add - on Course in Horticulture Techniques.....
with Regd No. T20203641.....Organized by the Department of Botany..... in
collaboration with.....during year 2012 - 2013 . He / She has passed the course with
A.....grade.

Course Coordinator

PRINCIPAL

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

27/10/2022



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

2011 - 2012

This is to certify that Mr. / Miss Ch. Radha of
D. B. S. Ch. S. M. has successfully completed the Add - on Course in Articulation Techniques
with Regd No. 19203052 Organized by the Department of Botany in
collaboration with..... during year 2011 - 2012 . He / She has passed the course with
A' grade.

L. S. i
Course Coordinator

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

2012 - 2013

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

B.S. C132.....has successfully completed the Add - on Course in Horticulture Techniques.....

with Regd No. T20203032.....Organized by the Department of Botany.....in

collaboration with.....during year 2012 - 2013 . He / She has passed the course with

A.....grade.


Course Coordinator


PRINCIPAL
Dr. V.S. Krishna Govt. Degree College(A)
VISAKHAPATNAM
25/10/2012



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

2012 - 2013

This is to certify that Mr. / MissK. Janardhan.....of

B.Sc. CBZ E.M.....has successfully completed the Add - on Course in.....Horticulture Techniques.....

with Regd No.....E20204004.....Organized by the Department of.....Botany.....in

collaboration with.....—.....during year 2012 - 2013 . He / She has passed the course with

.....A.....grade.

L. S. S.
Course Coordinator

G. V. S. PRINCIPAL
Dr. V.S. Krishna Govt. Degree College (A)
Maddilapalem, Visakhapatnam
21/10/2022



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

2012 - 2013

This is to certify that Mr. / Miss Mr. Govinda Raju.....of

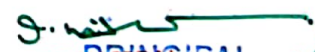
By B.Sc. CS2 T.m.....has successfully completed the Add - on Course in Horticulture Techniques.....

with Regd No. T.2020.3038.....Organized by the Department of Botany.....in

collaboration with.....during year 2012 - 2013 . He / She has passed the course with

.....'A'.....grade.


Course Coordinator


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

