



Add-on course

on



GONDUCTED 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.

(Dr. P. Srevawi)

Ve

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

PERMISSION LETTER TO START ADD ON COURSE

FROM

TO

Head of the Department Department of Botany

The Principal

Visakhapatnam

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

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

Visakhapatnam.

Respected Sir,

SUB: Permission to start an Add-on course for the academic year 2018-19

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. Sravawi)

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. Sravawi)

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

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

- 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

5x6=30 hrs

30hrs

DR.V. S. KRISHNA GOVT. DEGREE AND PG COLLEGE (Å) MODEL QUESTION PAPER ADD-ON -COURSE: HORTICULTURE TECHNIQUES

Time: 2hours

Answer any three from the following:

- 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:

- 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

10 X 3 = 30M

4 X 5 – 20M

Max Marks: 50

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15	T 16203069	V. Maheguari	u	V. Maheswa Ji
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4	M. Hemalatha	T16203054	32 M. Hanaclatha
5	Y. Jyothi	T16203058	42 y. Jyotui
6	y.Jyothi	T 16203059	36 Y. Jyoti
7	N. Jyostna	T16203060	48 N. Jyotsua.
8	Y. Kamula	T16203061	42 y. Kamala
9	Gr. Kanakadurga	T16203062	40 Gi Kanaka Dug
10	K. Lakshmi	T16203063	40 K. Lakshoni
14	Ch. Mahalakshmi	716203067	30 ch. maholoxth
12	V. Mahegwari	7 16203069	35 v. Maheswari
13	K. Polinaide	T16203075	46 K. Polinsidu
14	K. Ramakrishna	T16203081	36 K. Ramakrish
15	D. Ramulappadu	T16203082	28 D. Ramulappad
16	K. Revathi	T 16203083	40 K. Revath
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18	P. Roja	T16203085	32 P. Rojo
19	K. Sailaja	T16203087	40 K. Soulap
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	Dr. V.S. KRISHNA GOVERNMENT DEGREE COLLEGE (Autonomous)									
	(NAAC Reaccreditated WILD "B" 2.94 points on a 4 points scale)									
	Visakhapatnam									
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K.V. Lakshu Lecturer in Botany

50H

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

DEPARTMENT OF BOTANY

ADD ON COURSE 2018-19 Group: BZC T.M

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(Dr. P. Sicivani)

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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 2018-19

S.No.	CLASS	ID NUMBER	Name of the student	MARKS-50	GRADE
1.	III CBZ-TM	T16203045	J. Anusha	47	А
2.		T16203049	R.Brahmani	40	А
3.		T16203050	G. Damayanthi	41	А
4.		T16203051	P.Durga Prasad	42	А
5.		T16203054	M.Hemalatha	42	А
6.		T16203056	G.Jayalakshmi	44	А
7		T16203058	Y.Jyothi	42	А
8		T16203059	Y.Jyothi	45	А
9.		T16203060	N.Jyothsna	48	А
10.		T16203061	Y.Kamala	42	А
11.		T16203062	G.Kanaka Durga	40	А
12		T16203063	K.Lakshmi	40	А
13.		T16203065	U.Lakshmana Rao	41	А
14.		T16203067	Ch.Mahalakshmi	42	А
15		T16203069	Y.Maheswari	45	А
16.		T162030675	K.Polinaidu	46	А
17.		T16203081	K.Rama Krishna	44	А
18.		T16203082	D.Ramulappadu	42	А
19		T16203083	K.Revathi	40	А
20		T16203084	K. Ravathi	40	А

	T16203085	P.Roja	42	А
	T16203087	K. Sailaja	40	А
	T16203088	L.Sandhya rani	44	А
	T16203091	P.Sirisha	43	А
	T16203092	S.Siva Ganga Bhavani	45	А
	T16203093	Y.Siva Lakshmi	42	А
	T16203094	Ch. Sravani	40	А
	T16203096	R.Tulasi	44	А
	T16203098	K.Vanaja	40	А
	T162030100	L.Vasavi	42	А
	T162030101	K.Vasavi	40	А
	T162030102	N.Venkata Lakshmi	44	А
	T162030103	G.Vennela	46	А
	T162030104	B.Vijaya praksh	43	A
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(Dr. P. Sravawi)

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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

2018 - 2019

This is to certify that Mr. / MissR. Brahmani In BZC (T.M) has successfully completed the Add - on Course in Hortfull time Techniques with Regd No. T162030.49. Organized by the Department of Botany collaboration with...... $\overline{}$. He / She has passed the course withÀ'.....grade.

Course Coordinator

141,01,019

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



12/10/2015

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



15/192016

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

2018 - 2019

This is to certify that Mr. / Miss In CB2 Tipi has successfully completed the Add - on Course in Horlialling Techniquer collaboration with......

- A'grade.

Course Coordinator

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



Course Coordinator

PRINCIPAL 19/10/2015 Dr. V.S. Krishna Govt. Degree College(A)