

DEPARTMENT OF BOTANY

CERTIFICATE COURSE

ACADEMIC YEAR

2018 -2019



GOVERNMENT DEGREE COLLEGE

PALAKONDA

PARVATHIPURAM MANYAM DISTRI

BROCHURE



**GOVERNMENT DEGREE COLLEGE
PALAKONDA - 532440**

Accredited with NAAC 'B' Grade
Affiliated to Dr.B.R.Ambedkar University, Srikakulam

CERTIFICATE COURSE
ON
HORTICULTURE



Organized by

Department of
Botany

Duration of the
course: 30 hrs.

11th September 2018

To

31st October 2018

**Instructions to the
students:**

- 75% course attendance compulsory to get the certificate.
- Student who will get 40% of marks in the examination and they will eligibility to get certificate.

Faculty Information:

Sri. S. Srinu, M.Sc,B.Ed.,

Sri. V. Janardhana Rao,
M.Sc, B.Ed., M.Phil

Further Information, Contact

V. Janardhana Rao,
Course coordinator,
Department of Botany.

CIRCULAR

Date: 12/09/2018

The Department of Botany is planning to organize a Certificate Course on "HORTICULTURE". Hence, interested Candidates are advised to intimate the in charge of the department, Sri V. Janardhana Rao in Botany Department. In this regard the registration fee is free. After completion of this course we will be given certificate those are secured 50% in final assessment.

I BZC: *Ramesh*
12/9/18

II BZC: *Sru*
12/9/18

V. Janardhana Rao
(V. Janardhana Rao)
LECTURER
GOVT. DEGREE COLLEGE
PALAKONDA

Department of Botany

Certificate Course on “Horticulture”

(Total hours of teaching – 30 @ 04 Hrs. /Week)

Learning Outcomes:

On successful completion of this course, the students will be able to:

- Impart education about modern terrace Horticulture.
 - Build human resource in the terrace Horticulture sector.
 - Anchorage Job Skills on Horticulture
-

A. UNIT I: Introduction to Horticulture

1. Definition, Branches
2. Scope and Importance.

B. UNIT II: Basic requirements of Horticulture

3. Soils: Types, Physical characteristics
4. Climate: Types Humid, Arid and Semiarid. Temperature, Relative humidity and Rainfall.
5. Garden implements and tools
6. Manures, Fertilizers & improvement of soil fertility
7. Organic Farming: Organic farming practices
8. Irrigation and water management

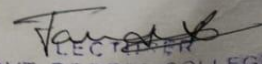
C. UNIT IV: Classification of garden plants

9. Introduction,
10. Annuals, biennials, perennials, shrubs, trees, climbers.
11. Succulents, cacti, ferns, gymnosperms.
12. Palms, orchids, bulbous ornamentals.

STUDENT REGISTRATION/ ENROLLMENT COPY

CHC 2018-19

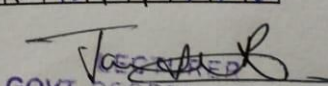
S.N	Reg.No	Name of the Student	Group	Signature of the student
1	TG2018001	G. Dhanunjaya Kumar	II BZC	G. Dhanunjaya Kumar
2	TG2018002	K. Divya	II BZC	K. Divya
3	TG2018003	K. Nagamani	II BZC	K. Nagamani
4	TG2018004	K. Gayathri	II BZC	K. Gayathri
5	TG2018005	K. Siva Kumar	II BZC	K. Siva Kumar
6	TG2018006	K. Sirisha	II BZC	K. Sirisha
7	TG2018007	L. Govinda Rao	II BZC	L. Govinda Rao
8	TG2018008	M. Upendra	II BZC	M. Upendra
9	TG2018009	P. Parvatamma	II BZC	P. Parvatamma
10	TG2018010	P. Sai Kumar	II BZC	P. Sai Kumar
11	TG2018011	P. Chandu	II BZC	P. Chandu
12	TG2018012	R. Simhachalam	II BZC	R. Simhachalam
13	TG2018013	R. Padmavathi	II BZC	R. Padmavathi
14	TG2018014	S. Varshini	II BZC	S. Varshini
15	TG2018015	T. Indu	II BZC	T. Indu
16	TG2018016	T. Rupavathi	II BZC	T. Rupavathi
17	TG2018017	U. Indu	II BZC	U. Indu
18	TG2018018	V. Swapna	II BZC	V. Swapna
19	TG2018019	V. Harikrishna	II BZC	V. Harikrishna
20	TG2018020	A. Ramulamma	III BZC	A. Ramulamma
21	TG2018021	B. Swarupa Rani	III BZC	B. Swarupa Rani
22	TG2018022	D. Lavya	III BZC	D. Lavya
23	TG2018023	J. Sarada	III BZC	J. Sarada
24	TG2018024	K. Nagamani	III BZC	K. Nagamani
25	TG2018025	K. Janshi Rani	III BZC	K. Janshi Rani
26	TG2018026	K. Rama Devi	III BZC	K. Rama Devi
27	TG2018027	K. Sai Prasanthi	III BZC	K. Sai Prasanthi
28	TG2018028	L. Pavan Kumar	III BZC	L. Pavan Kumar
29	TG2018029	M. Chittammadu	III BZC	M. Chittammadu
30	TG2018030	M. Ravi	III BZC	M. Ravi
31	TG2018031	P. Srilatha	III BZC	P. Srilatha
32	TG2018032	P. Kavya	III BZC	P. Kavya
33	TG2018033	P. Mounika	III BZC	P. Mounika
34	TG2018034	P. Durga	III BZC	P. Durga
35	TG2018035	P. Durga	III BZC	P. Durga
36	TG2018036	R. Swetha	III BZC	R. Swetha


 LECTURER
 GOVT. DEGREE COLLEGE
 PALAKONDA
 ANAPARTI

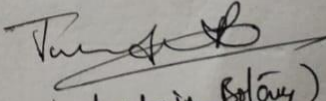
Attendance Sheet (Photo copy)

CHort.C 2018-19

S.N	Name of the Student	17/9/18	18/9/18	19/9/18	20/9/18	22/9/18	24/9/18	25/9/18	26/9/18	27/9/18	28/9/18	29/9/18	1/10/18	3/10/18	5/10/18	9/10/18	10/10/18	11/10/18	12/10/18	13/10/18	15/10/18	
1	G.Dhanunjaya Kumar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	K. Divya	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	K. Nagamani	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	K. Gayathri	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	K. Siva Kumar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	K. Sirisha	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	L. Govinda Rao	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	M. Upendra	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	P. Parvatamma	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	P. Sai Kumar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	P. Chandu	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	R. Simhachalam	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	R. Padmavathi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	S. Varshini	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	T. Indu	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	T. Rupavathi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	U. Indu	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	V. Swapna	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
19	V. Harikrishna	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	A.Ramulamma	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	B.Swarupa Rani	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
22	D.Lavya	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
23	J. Sarada	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
24	K. Nagamani	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
25	K. Janshi Rani	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
26	K. Rama Devi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
27	K. Sai Prasanthi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
28	L. Pavan Kumar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
29	M. Chittammadu	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
30	M. Ravi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
31	P. Srilatha	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
32	P. Kavya	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33	P. Mounika	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
34	P. Durga	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
35	P. Durga	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
36	R. Swetha	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Sign. of lecturer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓


 GOVT. DEGREE COLLEGE
 PALAKONDA

S.N	Name of the Student											
1	G.Dhanunjaya Kumar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	K. Divya	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	K. Nagamani	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	K. Gayathri	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	K. Siva Kumar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	K. Sirisha	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	L. Govinda Rao	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	M. Upendra	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	P. Parvatamma	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	P. Sai Kumar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	P. Chandu	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	R. Simhachalam	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	R. Padmavathi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	S. Varshini	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	T. Indu	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	T. Rupavathi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	U. Indu	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	V. Swapna	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
19	V. Harikrishna	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	A.Ramulamma	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	B.Swarupa Rani	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
22	D.Lavya	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
23	J. Sarada	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
24	K. Nagamani	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
25	K. Janshi Rani	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
26	K. Rama Devi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
27	K. Sai Prasanthi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
28	L. Pavan Kumar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
29	M. Chittammadu	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
30	M. Ravi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
31	P. Srilatha	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
32	P. Kavya	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33	P. Mounika	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
34	P. Durga	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
35	P. Durga	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
36	R. Swetha	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Signature of Lect	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓


 (Lect. in Botany)
LECTURER
GOVT. DEGREE COLLEGE
PALAKONDA

Assessment Procedure

Question paper

HORTICULTURE

Max. Hours: 2Hrs.

Max marks: 50

Section-A

(Short Answer questions)

4×5=20

1. Succulents
2. Cacti
3. Ferns
4. Palms
5. Orchids
6. Bulbous ornamentals

Section-A

(Short Answer questions)

4×10=30

7. Write an essay on scope and importance of Horticulture?
8. Write an essay on Soil types?
9. Write an essay on Tools used in Horticulture?
10. Describe Irrigation management?

CERTIFICATE

GOVERNMENT DEGREE COLLEGE, PALAKONDA
(Estd : 1983; Affiliated to Dr. B.R. Ambedkar University)

The Department of Botany

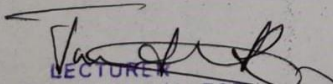
Presents This

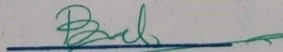
Certificate of Completion

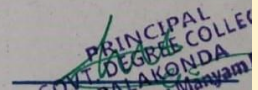
to : S. Dhanunjaya Kumar

on this day : 31st October 2018

for fulfilling 40 hours of offline and online certificate course on
"HORTICULTURE"


LECTURER




PRINCIPAL
GOVERNMENT DEGREE COLLEGE
PALAKONDA
Manayam

Department of Botany

Certificate course on

HORTICULTURE

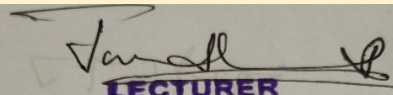
11-9-2018 to 31-10-2018

A Brief Report

There is increasing demand for planting materials in Horticultural crops. Although government agencies and number of private industries are involved in this industry, there exists a great potential to meet the ever growing demand for planting material. Hence, the institute intends to impart hands on training to the youth on this vital activity of crop production chain i.e. nursery management & plant propagation, whereby the trained person can contribute immensely towards the improvement of horticulture crop production in addition to finding employment opportunities for themselves.

Certificate course duration is 30 Hrs. Out of 36 registered, 32 students successfully completed this course. The course includes interactive class room sessions, demonstrations, terrace garden visit, question answer sessions.

Course coordinator



**LECTURER
GOVT. DEGREE COLLEGE
PALAKONDA**

PHOTO GALLERY

