

**DEPARTMENT OF BOTANY**

**CERTIFICATE COURSE**

**ACADEMIC YEAR**

**2021 -2022**



**GOVERNMENT DEGREE COLLEGE**

**PALAKONDA**

**SRIKAKULAM DISTRICT**



**GOVERNMENT DEGREE COLLEGE**  
**PALAKONDA - 532440**

CERTIFICATE COURSE  
ON  
**CULTIVATION OF  
HERBAL PLANTS**



Organized by  

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**Department of**  
**Botany**

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Duration of the  
course: 30 hrs.

2<sup>nd</sup> December 2021

To

28<sup>th</sup> January 2022

**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. V. Janardhana Rao,

M.Sc, B.Ed., M.Phil

Sri. P. Upendra Rao, M.Sc,B.Ed.,

**Further Information, Contact**

V. Janardhana Rao,

Course coordinator,

Department of Botany.

# CIRCULAR

Announcement

15

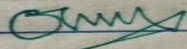
02-12-2021

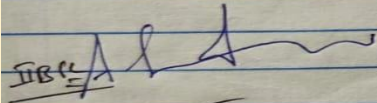
## Circular

The Department of Botany initiate a Certificate Course on "cultivation of Herbal plants" during the academic year 2021-22, the course is for 2 months. Interested candidates can join in this course.

After completion of this course, the will be given a certificate of their proficiency in the cultivation of Herbal plants.

Hence interested candidates are advised to meet Sri V. Jeyardhana Rao, incharge of Dep. of Botany.

  
PRINCIPAL  
Principal  
Govt. Degree College  
Palakonda-532 440



II BSc 25/12/2021

II BA 10/12/21

## **Department of Botany**

Certificate Course on

### **“CULTIVATION OF HERBAL PLANTS”**

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

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#### **Learning Outcomes:**

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

- Understanding the practices of herbal plants.
  - Ability to collect, transplant, management of locally important herbal plants.
  - Acquiring skills up on Harvesting and post harvesting practices
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#### **Unit-1. Herbal plants case studies.**

Introduction, concept, scope and objectives of Cultivation of Herbal Plants  
Origin, distribution, phenology, cultivation prospects including climate & soil requirement, propagation, manures & fertilizers, irrigation, maturity, harvesting, yield and post-harvest handling.

#### **Unit-2. Cultivation of Herbal Plants.**

Economic importance, classification, improved varieties, climate and soil requirements, propagation and nursery techniques, sowing, seed rate, time of sowing, methods of planting, cultural practices, nutrition and water requirements, plant protection and management, harvesting, yield and processing of coriander, fenugreek, fennel, cumin and *Carum carvi*, garlic, ginger, turmeric, cardamom

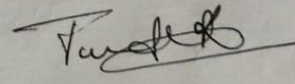
#### **Unit-3 Post harvest management.**

Scope and importance of post-harvest technology.  
Post-harvest handling of wild and plantation crops.  
Maturity indices, harvesting practices for specific market requirements.  
Harvesting, grading and storage of herbal plants.

**STUDENT REGISTRATION/ ENROLLMENT COPY**

CHP 2021

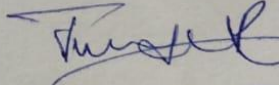
S.N	Reg.No	Name of the Student	Group	Signature of the student
1	CHP2021001	Aidala dhanamma	I BZC	A. Dhanamma
2	CHP2021002	Arika vineetha	I BZC	K. dijeep A. vineetha
3	CHP2021003	Kadraka dileep	I BZC	K. dileep
4	CHP2021004	Mandangi anitha	I BZC	M. anitha
5	CHP2021005	Mandangi kiran kumar	I BZC	M. Kiran Kumar
6	CHP2021006	Mandangi sravani	I BZC	M. Sravani
7	CHP2021007	Mula gowthami	I BZC	M. Gowthami
8	CHP2021008	Pasinapalli geethanjali	I BZC	P. Geethanjali
9	CHP2021009	Patruni hemalatha	I BZC	P. Hemalatha
10	CHP2021010	Savara sayamma	I BZC	S. sayamma
11	CHP2021011	Savara swapna	I BZC	S. swapna
12	CHP2021012	Thadela santhoshi	I BZC	T. santhoshi
13	CHP2021013	Tholapu krishna veni	I BZC	T. Krishna veni
14	CHP2021014	Vanjarapu mounika	I BZC	V. mounika
15	CHP2021015	Kottavalasa santhoshi	I BZC	K. santhoshi
16	CHP2021016	Varada ramya	I BZC	V. Ramya
17	CHP2021017	Gondela mounika	I BZC	G. mounika
18	CHP2021018	Vavilapalli mounika	I BZC	V. mounika
19	CHP2021019	Nimmaka Swathi	I BZC	N. Swathi
20	CHP2021020	Kanapaka Meghamala	I BZC	K. Meghamala
21	CHP2021021	Bonu. Prasad	II BZC	B. Prasad
22	CHP2021022	Chinni Navatha	II BZC	C. Navatha
23	CHP2021023	Jada. Vasudeva Rao	II BZC	C. Navatha
24	CHP2021024	Palaka. Padma	II BZC	P. padma
25	CHP2021025	Penubothu. Giri Babu	II BZC	P. Giri Babu
26	CHP2021026	Ragolu. Neelima	II BZC	R. Neelima
27	CHP2021027	Savara. Trisha	II BZC	S. Trisha
28	CHP2021028	Savara. Vasagiri	II BZC	S. vasagiri
29	CHP2021029	Tengani. Anusha	II BZC	T. Anusha
30	CHP2021030	Varada. Sivaganesh	II BZC	V. Sivaganesh

1)   
 2) P. Upendra  
 LECTURER  
 GOVT. DEGREE COLLEGE  
 PALAKONDA

## Attendance Sheet

COF 2020-21

S.N	Name of the Student	9/2/21	10/2/21	11/2/21	12/2/21	13/2/21	14/2/21	15/2/21	16/2/21	17/2/21	18/2/21	19/2/21	20/2/21	21/2/21	22/2/21	23/2/21	24/2/21	25/2/21	26/2/21	27/2/21	28/2/21	29/2/21	30/2/21
1	Aidala dhanamma	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Arika vineetha	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Kadraka dileep	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	Mandangi anitha	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	Mandangi kiran kumar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	Mandangi sravani	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	Mula gowthami	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	Pasinapalli geethanjali	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	Patruni hemalatha	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	SAVARA SAYAMMA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	Savara swapna	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	Thadela santhoshi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	Tholapu krishna veni	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	Vanjarapu mounika	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	Kottavalasa santhoshi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	Varada ramya	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	Gondela mounika	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	Vavilapalli mounika	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
19	Nimmaka Swathi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	Kanapaka Meghamala	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	Bonu. Prasad	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
22	Chinni Navatha	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
23	Jada. Vasudeva Rao	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
24	Palaka. Padma	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
25	Penubothu. Giri Babu	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
26	Ragolu. Neelima	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
27	Savara. Trisha	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
28	Savara. Vasagiri	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
29	Tengani. Anusha	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
30	Varada. Sivaganesh	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Signature of Lect	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

  
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## **Assessment Procedure**

Question paper

### **Cultivation of Herbal Plants**

Max. Hours: 2Hrs.

Max marks: 60

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#### **Section-A (Short Answer Questions)**

**4×5=20**

1. Coriander,
2. Fenugreek
3. Fennel
4. Cumin
5. Ginger
6. Cardamom

#### **Section-A (Short Answer Questions)**

**4×10=40**

7. Write an essay on cultivation of turmeric?
8. Write an essay on importance of post-harvest technology?
9. Write an essay on Importance of Cultivation of Herbal Plants?
10. Describe Harvesting, grading and storage of herbal plants?
11. Write an essay on Plant protection and management of herbal plant cultivation?

**CERTIFICATE**

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

CHP202.1001

*The Department of Botany*

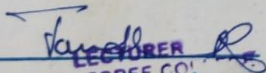
*Presents This*

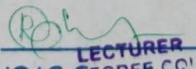
*Certificate of Completion*

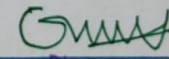
to : GIURUBELLI . DEEPIKA, 1<sup>st</sup> B.SC [C.B-Z]

on this day : 28<sup>th</sup> January 2022

for *Fulfilling 40 hours of offline and online certificate course on*  
"Cultivation of Herbal plants"

  
LECTURER  
Program Coordinator  
GOVERNMENT DEGREE COLLEGE  
PALAKONDA

  
LECTURER  
GOVERNMENT DEGREE COLLEGE  
PALAKONDA

  
Principal  
Govt. Degree College  
Palakonda-532440



**Department of Botany**

**Certificate course on**

**CULTIVATION OF HERBAL PLANTS**

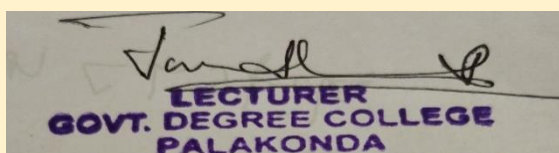
02-12-2021 to 28-01-2022

***A Brief Report***

There is increasing demand for planting materials in Herbal Plants. 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 Herbal product chain i.e. Herbal plant culture management & plant propagation, whereby the trained person can contribute immensely towards the improvement of herbal plant production in addition to finding employment opportunities for them.

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

Course coordinator



The image shows a handwritten signature in black ink over a blue ink stamp. The stamp text reads: "LECTURER", "GOVT. DEGREE COLLEGE", and "PALAKONDA".

## PHOTO GALLERY

