

DEPARTMENT OF BOTANY

CERTIFICATE COURSE

ACADEMIC YEAR

2022 -2023



GOVERNMENT DEGREE COLLEGE

PALAKONDA

PARVATHIPURAM MANYAM DISTRICT

BROCHURE



**GOVERNMENT DEGREE COLLEGE
PALAKONDA - 532440**

CERTIFICATE COURSE
ON
Medicinal plants



Organized by

Department of
Botany

**Duration of the
course: 30 hrs.**

**14th October
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

22

Announcement

18/10/2022

Circular

The department of Botany introduced a certificate course on Medicinal plants during the academic year 2022-23. The course is one and half month duration.

After completion of the course they will be given a certificate of their proficiency in the Medicinal plants knowledge.

Hence interested candidates are advised to meet Sri V. Saurdham Rao - in charge lecturer, in Botany.

PRINCIPAL

Principal
Govt. Degree College
Palakonda-532 440

III BSc

II BSc 18/10/22

I BSc 18/10/22

II BA

Department of Botany

Certificate Course on “Medicinal Plants”

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

Learning Outcomes:

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

- Understanding about local medicinal plants
 - Awareness on Medicinal plants role in primary health care
 - Acquired skills about identification and collection of locally available medicinal plants
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Unit-1. Introduction to Medicinal plants

Definition, history, importance and future prospects. Medicinal Plants – past and present status in world and India. Medicinal plant diversity & local healthcare. Medicinal plant conservation – issues and approaches. Promotion of medicinal plant sector at national level: National Medicinal Plant Board and State Medicinal Plant Boards - objectives and functions.

Unit-2 Important medicinal Plants-I

Significance of the following plants in health care practices (along with their habitat and morphology) a) *Azadirachta indica*, b) *Ocimum sanctum*, c) *Vitex negundo*, d) *Gloriosa superba*, e) *Tribulus terrestris*, f) *Phyllanthus niruri*, g) *Cassia auriculata*, h) *Indigofera tinctoria*, i) *Senna auriculata* j). *Curcuma longa*.

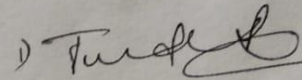
Unit-3 Important medicinal plants-II

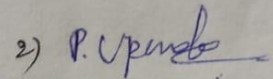
Systematics, geographical distribution and uses of local medicinal plants- *Acorus calamus*, *Adhatoda vasica*, *Abrus precatorius* *Aloe vera*, *Phyllanthus amarus*'

STUDENT REGISTRATION/ ENROLLMENT COPY

CMP2022

S.N	Reg.No	Name of the Student	Group	Signature of the student
1	CMP202201	Bevara. Ganapathi	II BZC	B. Ganapathi
2	CMP202202	Chikalapalli. Drakshayani	II BZC	C. Drakshayani
3	CMP202203	Gedela. Sravani	II BZC	G. Sravani
4	CMP202204	Gorinta. Anandha Rao	II BZC	G. Anandha Rao
5	CMP202205	Gottapu. Swapna	II BZC	G. Swapna
6	CMP202206	Guttavalli. Tulasi	II BZC	G. Tulasi
7	CMP202207	Guttavalli. Vaani	II BZC	G. Vaani
8	CMP202208	Karu. Anil	II BZC	K. Anil
9	CMP202209	K. L. Narayana Dora	II BZC	K.L. Narayana Dora
10	CMP202210	Kondagorri. Srinu	II BZC	K. Srinu
11	CMP202211	Kuppili. Kiran	II BZC	K. Kiran
12	CMP202212	Lanka. Aswini	II BZC	L. Aswini
13	CMP202213	Metta. Ramya	II BZC	M. Ramya
14	CMP202214	Palakonda. Sai Kiran	II BZC	P. Sai Kiran
15	CMP202215	Pasinipalli. Jyothi	II BZC	P. Jyothi
16	CMP202216	Patruni. Rama Devi	II BZC	P. Ramadevi
17	CMP202217	Purri. Ganga Raju	II BZC	P. Ganga Raju
18	CMP202218	Ragolu. Jhansi	II BZC	R. Jhansi
19	CMP202219	Rajana. Sumanth	II BZC	R. Sumanth
20	CMP202220	Rajapu. Sai Babu	III BZC	R. Sai Babu
21	CMP202221	Saripalli. Sharmila	III BZC	S. Sharmila
22	CMP202222	NIMMAKA SWATHI	III BZC	N. Swathi
23	CMP202223	Savara. Parvathi	III BZC	S. Parvathi
24	CMP202224	Savara. Rajesh	III BZC	S. Rajesh

1) 

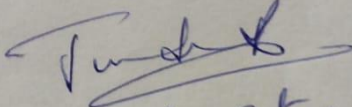
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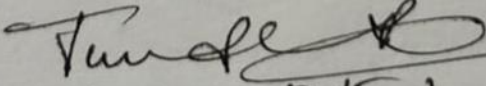
Attendance Sheet

CMP 2022-23

S.N	Name of the Student																			
1	Bevara. Ganapathi	✓	a	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Ch. Drakshayani	✓	✓	✓	a	✓	✓	✓	a	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Gedela. Sravani	✓	✓	a	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	G. Anandha Rao	✓	✓	✓	a	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	Gottapu. Swapna	a	✓	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	Guttavalli. Tulasi	✓	a	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	Guttavalli. Vaani	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	Karu. Anil	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	K.LNarayana Dora	✓	✓	✓	✓	✓	a	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	Kondagorri. Srinu	a	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	Kuppili. Kiran	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	Lanka. Aswini	✓	a	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	Metta. Ramya	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	Pa. Sai Kiran	a	✓	✓	✓	a	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	Pasinipalli. Jyothi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	Patruni. Rama Devi	✓	✓	✓	✓	a	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	Purri. Ganga Raju	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	Ragolu. Jhansi	✓	a	✓	a	✓	a	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
19	Rajana. Sumanth	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	Rajapu. Sai Babu	a	✓	✓	a	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	Saripalli. Sharmila	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
22	Savara. Mahesh	✓	✓	✓	a	✓	a	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
23	Savara. Parvathi	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
24	Savara. Rajesh	✓	✓	✓	a	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Sign of Lecturer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓


 Lect. M. Ratna
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 PARVATHIPURAM MANYAM DIST

S.N	Name of the Student												
1	Bevara. Ganapathi	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Ch. Drakshayani	✓	✓	✓	a	✓	✓	a	✓	a	✓	a	a
3	Gedela. Sravani	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	G. Anandha Rao	a	✓	✓	✓	✓	✓	a	✓	a	✓	✓	a
5	Gottapu. Swapna	✓	✓	✓	✓	a	✓	a	✓	✓	✓	✓	✓
6	Guttavalli. Tulasi	✓	a	✓	✓	✓	✓	✓	✓	✓	a	✓	✓
7	Guttavalli. Vaani	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓
8	Karu. Anil	✓	✓	✓	✓	✓	✓	a	✓	✓	a	✓	✓
9	K.LNarayana Dora	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	Kondagorri. Srinu	a	✓	✓	✓	a	✓	a	✓	✓	✓	✓	✓
11	Kuppili. Kiran	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	a
12	Lanka. Aswini	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	Metta. Ramya	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓
14	Pa. Sai Kiran	✓	✓	✓	✓	✓	✓	✓	a	✓	a	✓	✓
15	Pasinipalli. Jyothi	a	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓
16	Patruni. Rama Devi	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	Purri. Ganga Raju	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	Ragolu. Jhansi	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	a	a
19	Rajana. Sumanth	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	Rajapu. Sai Babu	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓
21	Saripalli. Sharmila	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓
22	Savara. Mahesh	a	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓
23	Savara. Parvathi	✓	✓	✓	✓	✓	✓	✓	a	✓	a	✓	✓
24	Savara. Rajesh	✓	a	✓	✓	✓	✓	✓	a	✓	a	✓	✓


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 BALAKONDA
 DISTRICT

Assessment Procedure

Question paper

MEDICINAL PLANTS

Max. Hours: 2Hrs.

Max marks: 60

Section-A (Short Answer questions)

4×5=20

- 1) *Gloriosa superba*.
- 2) *Tribulus terrestris*.
- 3) *Phyllanthus niruri*.
- 4) *Cassia auriculata*.
- 5) *Indigofera tinctoria*.
- 6) *Senna auriculata*.

Section-A (Short Answer Questions)

4×10=40

7. Write an importance and future prospects of Medicinal Plants?
8. Write an essay on the role of National Medicinal Plant Board to promote the cultivation of Medicinal plants?
9. Describe the medicinal practices of *Ocimum sanctum* and *Vitex negundo*?
10. Describe the medicinal practices of *Azadirachta indica*?
11. Write an essay on *Acorus calamus*, *Adhatoda vasica*?
12. Describe the role of local medicinal plants in primary health care?

CERTIFICATE

CMP2022-0022

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

The Department of Botany

Presents This

Certificate of Completion

to : Rajapu . Saibabu

on this day : 3rd December 2022

for Fulfilling 40 hours of offline and online certificate course on
Medicinal plants

[Signature]
LECTURER
GOVT DEGREE COLLEGE
PALAKONDA

[Signature]
LECTURER
GOVT DEGREE COLLEGE
PALAKONDA

GOVT. DEGREE COLLEGE
PALAKONDA
Date _____
Srikakulam Dt _____
Principal
Govt. Degree College
Palakonda-532 440

[Signature]

Department of Botany

Certificate course on

MEDICINAL PLANTS

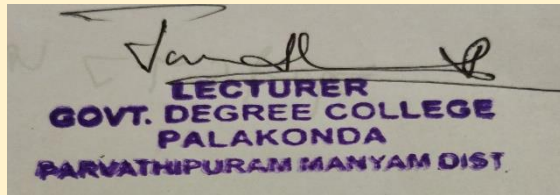
14-10-2022 to 03-12-2022

A Brief Report

There is increasing demand for planting materials of Medicinal 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. Medicinal plant culture management & plant propagation, whereby the trained person can contribute immensely towards the improvement of Medicinal plant production in addition to finding employment opportunities for themselves.

Certificate course duration is 30 Hrs. Out of 24 registered, 24 students successfully completed this course. The course includes interactive class room sessions, demonstrations, terrace garden visit, question answer sessions.

Course coordinator



Handwritten signature: *J. S. S. S.*
LECTURER
GOVT. DEGREE COLLEGE
PALAKONDA
PARVATHIPURAM MANYAM DIST.

PHOTO GALLERY

