

**DEPARTMENT OF BOTANY**

**CERTIFICATE COURSE**

**ACADEMIC YEAR**

**2020 -2021**



**GOVERNMENT DEGREE COLLEGE**

**PALAKONDA**

**PARVATHIPURAM MANYAM DISTRICT**

# BROCHURE



**GOVERNMENT DEGREE COLLEGE  
PALAKONDA - 532440**

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

CERTIFICATE COURSE  
ON  
**ORGANIC FORMING**



Organized by  

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Department of  
**Botany**  

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Duration of the  
course: 30 hrs.

6<sup>th</sup> February 2021

To

24<sup>th</sup> April 2021

**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

CIRCULAR

Date: 09/02/2021

The Department of Botany is planning to organize a Certificate Course on "ORGANIC FORMING". 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: *[Signature]*  
II BZC: *[Signature]*  
III BZC: *[Signature]* 09/02/21

*[Signature]*  
(V. JANARDHANA RAO)  
LECTURER  
GOVT. DEGREE COLLEGE  
PALAKONDA  
Botany

## **Department of Botany**

### **Certificate Course on “Organic Farming”**

(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:

- Develop critical understanding on various aspects of agronomy.
  - Explain the nutrition and application of nutrients to plants.
  - Explain the cropping methods and crop rotation.
  - Realize various weed management practices.
  - Explain the different aspects of crop harvesting.
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#### **Unit-1 Detrimental effects of currently chemical dependent farming**

1. Reduction of crop production due to depletion of soil Health.
2. Pesticide contamination and human health hazard.
3. Contamination of food products by pesticides & chemicals.
4. Reduction of natural enemies of crop pests.

#### **Unit-2 Organic Farming (Process)**

1. Concept of farming system
2. Rural compost, City compost, Oil cakes,
3. Animal wastes, Vermin composts, etc.
4. Characterization and Nutrients content of the above sources (Data Chart)
5. Green Manure – Green Manure with Leguminous crops in crop rotation.
6. In-situ incorporation of crop residues –Benefits
7. Other Nitrogen contributing plants.
8. Importance of Bio fertilizers in soil productivity

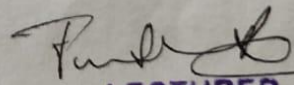
#### **Unit-3 Plant Protection Measures:**

9. Different types of organic Manure pests & their classification.
10. Integrated pest & disease managements and Botanical pesticides.
11. Organic pesticides, bio-pesticides.
12. Inorganic pesticides, disadvantages of their use.
13. Control of pests & diseases of important crops /vegetables

**STUDENT REGISTRATION/ ENROLLMENT COPY**

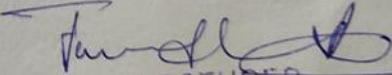
@COF202021

S.N	Reg.No	Name of the Student	Group	Signature of the student
1	COF2020001	Gurubilli Deepika	II BZC	G. Deepika
2	COF2020002	Peddinti Veeranna	II BZC	P. Veeranna
3	COF2020003	Peesala Gowthami	II BZC	P. Gowthami
4	COF2020004	Pinninti Bharathi	II BZC	P. Bharathi
5	COF2020005	Rakoti Gowri	II BZC	R. Gowri
6	COF2020006	Ampolu Ramadevi	II BZC	A. Ramadevi
7	COF2020007	Regana Sireesha	II BZC	R. Sireesha
8	COF2020008	Rowthu Sivamani	II BZC	R. Sivamani
9	COF2020009	Sasubilli Haritha	II BZC	S. Haritha
10	COF2020010	Savara Chandu	II BZC	S. Chandu
11	COF2020011	Savara Dilip	II BZC	S. Dilip
12	COF2020012	Savara Murthigani	II BZC	S. Murthigani
13	COF2020013	Gurubilli Deepika	II BZC	G. Deepika
14	COF2020014	Savara Yobinar	II BZC	S. Yobinar
15	COF2020015	Singuru Divya	II BZC	S. Divya
16	COF2020016	Talachandra Murali	II BZC	T. Murali
17	COF2020017	Thalagapu Anand	II BZC	T. Anand
18	COF2020018	Tompala Jagadeesh	II BZC	T. Jagadeesh
19	COF2020019	Vanjarapu Manjula	II BZC	M. Manjula
20	COF2020020	Savara. Sujatha	I BZC	S. Sujatha
21	COF2020021	Sowrothu. Sameera	I BZC	S. Sameera
22	COF2020022	Sowrothu. Saraswathi	I BZC	S. Saraswathi
23	COF2020023	Tummalapalli. Damodara	I BZC	T. Damodara
24	COF2020024	Varada. Lavanya	I BZC	V. Lavanya

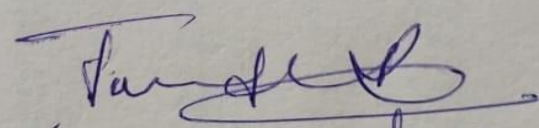
  
LECTURER  
GOVT. DEGREE COLLEGE  
PALAKONDA

Attendance Sheet

S.N	Name of the Student																			
1	Gurubilli Deepika	√	√	√	a	√	√	a	√	√	√	√	a	√	√	√	a	√	√	√
2	Peddinti Veeranna	√	a	√	√	√	√	a	√	√	a	√	√	√	√	√	a	√	√	√
3	Peesala Gowthami	√	√	√	a	√	√	√	√	√	√	a	√	a	a	√	√	√	√	√
4	Pinninti Bharathi	√	√	a	√	√	√	a	√	a	√	√	√	a	√	√	√	√	√	√
5	Rakoti Gowri	√	√	a	√	√	√	a	√	a	√	a	√	a	√	a	√	√	√	√
6	Ampolu Ramadevi	a	a	√	√	a	√	a	√	a	√	a	√	√	√	a	√	√	a	a
7	Regana Sireesha	√	√	√	√	√	√	a	√	a	√	√	√	√	√	√	a	√	√	√
8	Rowthu Sivamani	√	√	√	a	√	√	√	a	√	a	√	√	a	√	√	a	√	√	a
9	Sasubilli Haritha	√	√	√	√	a	√	a	√	√	√	√	√	√	√	√	√	√	√	√
10	Savara Chandu	√	a	√	a	√	a	√	√	√	√	√	a	√	√	a	√	√	√	a
11	Savara Dilip	√	a	√	√	√	√	√	√	√	a	√	√	a	√	a	√	√	√	a
12	Savara Murthigani	a	√	√	a	√	a	√	√	√	√	√	√	√	a	√	a	√	√	√
13	Savara Surekha	√	√	√	√	a	√	a	√	√	√	a	√	√	√	√	√	√	√	√
14	Savara Yobinar	√	√	a	√	a	√	√	a	√	a	√	√	a	√	√	√	√	a	√
15	Singuru Divya	√	√	√	√	a	√	√	a	√	a	√	a	√	√	a	√	√	a	√
16	Talachandra Murali	√	√	√	a	√	a	√	√	√	√	√	a	√	√	a	√	√	a	√
17	Thalagapu Anand	a	√	√	√	a	√	a	√	a	√	a	√	a	√	√	a	√	√	a
18	Tompala Jagadeesh	√	√	√	√	√	√	a	√	a	√	√	√	a	√	√	√	√	√	√
19	Vanjarapu Manjula	√	a	√	a	√	√	√	a	√	√	a	√	a	√	√	√	√	√	a
20	Savara. Sujatha	√	a	√	√	√	√	a	√	√	√	√	a	√	√	a	√	√	a	√
21	Sowrothu. Sameera	√	√	a	√	√	√	√	√	√	a	√	a	√	√	a	√	√	a	√
22	Sowrothu. Saraswathi	√	√	√	a	√	√	√	√	√	√	√	a	√	a	√	√	√	√	√
23	T. Damodara Rao	√	√	√	√	√	√	a	√	√	a	√	√	a	√	√	√	√	a	√
24	Varada. Lavanya	√	a	√	a	√	√	a	√	√	√	a	√	a	√	√	√	√	a	√
	Sign. of lecturer	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√

  
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S.N	Name of the Student												
1	Gurubilli Deepika	✓	✓	a	✓	✓	✓	✓	✓	a	✓		
2	Peddinti Veeranna	✓	✓	a	✓	✓	✓	✓	✓	✓	✓		
3	Peesala Gowthami	a	✓	✓	✓	✓	✓	✓	✓	✓	✓		
4	Pinninti Bharathi	✓	a	✓	✓	✓	✓	✓	✓	✓	✓		
5	Rakoti Gowri	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
6	Ampolu Ramadevi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
7	Regana Sireesha	✓	a	✓	✓	✓	✓	✓	✓	✓	✓		
8	Rowthu Sivamani	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
9	Sasubilli Haritha	✓	✓	a	a	a	✓	✓	✓	✓	✓		
10	Savara Chandu	✓	a	a	✓	✓	✓	✓	✓	✓	✓		
11	Savara Dilip	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
12	Savara Murthigani	✓	a	a	✓	✓	✓	✓	✓	✓	✓		
13	Savara Surekha	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
14	Savara Yobinar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
15	Singuru Divya	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
16	Talachandra Murali	a	a	✓	✓	✓	✓	✓	✓	✓	✓		
17	Thalagapu Anand	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
18	Tompala Jagadeesh	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
19	Vanjarapu Manjula	✓	a	✓	✓	✓	✓	✓	✓	✓	✓		
20	Savara. Sujatha	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
21	Sowrothu. Sameera	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
22	Sowrothu. Saraswathi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
23	T. Damodara Rao	a	✓	✓	✓	✓	✓	✓	✓	✓	✓		
24	Varada. Lavanya	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Sign. of ketan	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

  
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## **Assessment Procedure**

Question paper

### **ORGANIC FORMING**

Max. Hours: 2Hrs.

Max marks: 60

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

**4×5=20**

1. Pesticide
2. Soil Health
3. Rural compost
4. Vermin composts
5. Nitrogen contributing plants
6. Botanical pesticides

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

**4×10=40**

7. Write an essay on how, pesticides create contamination and human health hazard?
8. Write an essay on Concept of farming system?
9. Write an essay on Importance of Bio fertilizers in soil productivity?
10. Describe different types of organic Manure pests & their classification?
11. Write about Organic pesticides, bio-pesticides?
12. Describe how control of pests & diseases of important crops /vegetables?



**CERTIFICATE**

**GOVERNMENT DEGREE COLLEGE, PALAKONDA**

(Estd : 1983; Affiliated to Dr. B.R. Ambedkar University)

*The Department of Botany*

*Presents This*

*Certificate of Completion*

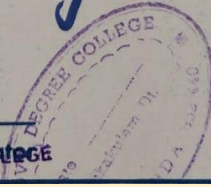
to : *Nimmaka . Swathi*

on this day : *24<sup>th</sup> April 2021*

*for fulfilling 40 hours of offline and online certificate course on*  
*organic farming*

*[Signature]*  
LECTURER  
GOVT. DEGREE COLLEGE  
Palakonda  
Programme Coordinator

*[Signature]*  
LECTURER  
GOVT. DEGREE COLLEGE  
Palakonda  
IQAC Coordinator



*[Signature]*  
PRINCIPAL  
GOVT. DEGREE COLLEGE  
PALAKONDA  
Palakonda, Dist. Palakonda,  
Karnataka. 532 444  
Govt. Degree College  
Palakonda

**Department of Botany**

Certificate course on

**ORGANIC FORMING**

6-2-2021 to 24-4-2021

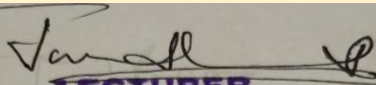
***A Brief Report***

Department of Botany organized a certificate course on organic Forming the program is conducted before the class work started. The duration of the class is one hour and in total 30 Hrs. is the duration of the course.

Out of 24 registered, 24 students successfully completed this course. The course includes interactive class room sessions, demonstrations, Field visits, question answer sessions.

At the end of the program, a grand test was conducted and it was also evaluated. Certificates were issued to the successfully completed participants in the valedictory function.

Course coordinator



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PALAKONDA**

**PHOTO GALLERY**

