



GOVERNMENT DEGREE COLLEGE
TEKKALI

DEPARTMENT OF HORTICULTURE
CERTIFICATE COURSE

ON

ORGANIC FARMING





Govt. Degree College

Tekkali, Srikakulam

REQUISITION FOR THE APPROVAL OF CERTIFICATE COURSE

1. Department : Horticulture
2. Title of the Certificate Course : Organic farming
3. Name of the Course Coordinator : M.Thavudu
4. Course Code : BSC UG-209
5. Objectives of the Course :
 1. To understand the basic concept of organic farming.
 2. To provide practical experience on cultivation of crops.
 3. To provide self-employment opportunities to the students
6. Outcomes of the Course :
 1. Students will able to cultivate crops by using principles of organic farming.
 2. Students will able to design, execute the establishment and management of a farm for crops.
 3. Create opportunities for self-employment.
7. Duration of the Course : 30 Days
8. Date of Commencement of the Course : 22-11-2023
9. Course Fee : Nill

M. Thavudu

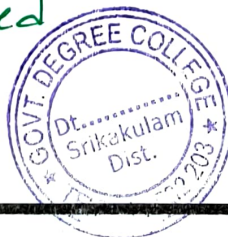
Signature of the Course Coordinator

M. Thavudu

Signature of the Department In-charge

Principal's Remarks

Approved



Signature of the Principal

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Govt. Degree College
TEKKALI-532 203



Govt. Degree College

Tekkali, Srikakulam

Certificate Course on ORGANIC FARMING

OBJECTIVES & OUTCOMES

The Department of Horticulture has decided to offer a certificate course on “ORGANIC FARMING” for the final year students to enhance their Skills which are essential for their Professional development.

Objectives:

- To understand the basic concept of organic farming.
- To provide practical experience on cultivation of crops.
- To provide self-employment opportunities to the students.

Course Outcomes:

1. Students will be able to cultivate crops by using principles of organic farming.
2. Students will be able to design, execute the establishment and management of a farm for crops.
3. Create opportunities for self-employment.

CODE: BSC UG 209
GOVT.DEGREE COLLEGE, TEKKALI
CERTIFICATE COURSE ON ORGANIC FARMING

SYLLABUS:

- INTRODUCTION TO ORGANIC FARMING
- STEP BY STEP CONSERVATION TO ORGANIC FARMING
- MULCHING IN ORGANIC FARMING
- WATER MANAGEMENT
- CROP PLANNING AND MANAGEMENT
- NUTRITIONAL MANAGEMENT
- PEST AND DISEASE MANAGEMENT
- WEED MANAGEMENT
- PLANT PROPAGATION
- ANIMAL HUSBANDRY



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Certificate Course on ORGANIC FARMING

LIST OF ADMITTED STUDENTS

S.No	Name of the Student	Class	Signature of the Student
1	B.POOJITHA	III B.Sc - BHC	B. Poojitha
2	CH.KUMARI	III B.Sc - BHC	CH. Kumari
3	D.JYOTHI	III B.Sc - BHC	D. Jyothi
4	D.MOUNIKA	III B.Sc - BHC	D. Mounika
5	D.SAI POOJITHA	III B.Sc - BHC	D. Sai Poojitha
6	G.SRAVANI	III B.Sc - BHC	G. SRAVANI
7	G.DEVI	III B.Sc - BHC	G. Devi
8	J.RAJITHA	III B.Sc - BHC	J. Rajitha
9	K.PRAVEENA	III B.Sc - BHC	K. Praveena
10	K.SARITHA	III B.Sc - BHC	K. Saritha
11	K.NARENDRA	III B.Sc - BHC	K. Narendra
12	K.DILLESWARA RAO	III B.Sc - BHC	K. Dilleswararao
13	M.NIKHILA	III B.Sc - BHC	M. Nikhila
14	M.LAVANYA	III B.Sc - BHC	M. Lavanya
15	N.RUKMINI	III B.Sc - BHC	N. Rukmini
16	NIVEDITHA SOI	III B.Sc - BHC	NIVEDITHA soi
17	R.DEVIKA	III B.Sc - BHC	R. Devika
18	R.NAVYA	III B.Sc - BHC	R. Navya
19	R.SIREESHA	III B.Sc - BHC	R. SIREESHA
20	S.SUKANYA	III B.Sc - BHC	S. Sukanya



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GOVT.DEGREE COLLEGE, TEKKALI

Certificate course on **ORGANIC FARMING - 2023-24**

Student attendance sheet

November and December

Student attendance sheet																														Signature				
S. No	Name of the Student	2/11	22/11	23/11	24/11	25/11	29/11	30/11	1/12	2/12	4/12	5/12	6/12	7/12	8/12	11/12	12/12	13/12	14/12	15/12	16/12	18/12	19/12	20/12	21/12	22/12	23/12	26/12	27/12	28/12	29/12			
1	B.POOJITHA	P	P	P	A	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	B. Poojitha
2	CH.KUMARI	P	P	A	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	Ch. Kumari
3	D.JYOTHI	P	A	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	D. Jyothi
4	D.MOUNIKA	P	P	P	P	A	P	P	P	P	A	A	P	A	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	D. Mounika
5	D.SAI POOJITHA	A	P	P	P	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	A	P	P	P	A	P	P	P	P	A	P	P	P	D. Sai Poojitha
6	G.SRAVANI	P	P	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	A	P	A	P	G. Sravani
7	G.DEVI	A	P	P	P	P	A	P	P	P	P	A	A	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	J. Rajitha
8	J.RAJITHA	P	P	P	P	A	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	K. Praveena
9	K.PRAVEENA	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	K. Saritha
10	K.SARITHA	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	K. Narendra
11	K.NARENDRA	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	K. Dilleswara Rao
12	K.DILLESWARA RAO	P	P	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	M. Nikhila
13	M.NIKHILA	P	P	A	P	P	P	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	M. Lavanya
14	M.LAVANYA	P	A	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	N. Rukmini
15	N.RUKMINI	P	P	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	Niveditha
16	NIVEDITHA SOI	P	P	A	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	R. Devika
17	R.DEVIKA	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	R. Navya
18	R.NAVYA	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	R. Sireesha
19	R.SIREESHA	P	A	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	S. Sukanya
20	S.SUKANYA	P	P	A	P	P	P	A	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	



Principals
PRINCIPAL
 Govt. Degree College
 TEKKALI-532 203

2023-2024

CODE: BSC UG – 209

GOVT.DEGREE COLLEGE, TEKKALI

Certificate course on **ORGANIC FARMING**

MODEL QUESTION PAPER

MARKS: 30

TIME:30 MIN

NAME OF THE STUDENT :

MARKS:

1. Which crops are grown for Nitrogen Fixation.
a). legumes b). cereals c). pulses d). grass
2. Growing of crops in between rows of the main crop is called _____.
A). Crop Rotation B). Multiple Cropping C). Inter Cropping D). Alley Cropping
3. Planting a second crop into a standing crop at a time when the standing crop is in mature stage is called _____.
A). Mixed Cropping B). Relay Inter Cropping C). Cover Cropping D). Strip Cropping
4. Application of fertilizers through irrigation is called
a). Fertigation B). Band Placement C). Base Application D). Broad Casting
5. What is the percentage of nitrogen in urea
a). 46 b). 50 c). 60 d). 55
6. What are the major ingredients in Bordeaux mixture
a). CuSO_4 , CaSO_4 b). CuSO_4 , CaCO_3 c). CaCO_3 , CaSO_3 d). MgSO_4 , CaSO_4
7. The best practice to maintain soil health in organic farming is _____.
A). Crop Rotation B). Synthetic Fertilizing C). Using Black Soil D). Mono Culture
8. The soil PH can be increased by adding
A). Lime B). Nitrogen C). Sand D). Potash
9. Which one is the green manure crop
A). Maize B). Paddy C). Sesbania D). None
10. Which bacteria is lived in legume root nodules
a). Rhizobium B). Azo Spirillum C). Nitrosomonas D). Nostoc
11. Best example for propagation through leaf cuttings
a). Pinus B). Bryophyllum C). Cycas D). Pine Apple
12. Highly efficient water using irrigation method is---
a). Sprinkler Irrigation B). Drip Irrigation C). Flood Irrigation D). Basin Method
13. Soil PH can be decreases by using _____.
a). lime b). gypsum c). cocopeat d). perlite
14. Suitable mulching material for weed control is _____.
A). Dry Leaves B). Polythene Sheet C). Cocopeat D). All Of the Above
15. Which of the following crop is suitable for trap crop _____.
A). Marigold B). Red Gram C). Cotton D). Both A & B



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EVALUATION

S.No	Name of the Student	Class	MARKS
1	B.POOJITHA	III B.Sc - BHC	26
2	CH.KUMARI	III B.Sc - BHC	24
3	D.JYOTHI	III B.Sc - BHC	26
4	D.MOUNIKA	III B.Sc - BHC	26
5	D.SAI POOJITHA	III B.Sc - BHC	24
6	G.SRAVANI	III B.Sc - BHC	24
7	G.DEVI	III B.Sc - BHC	29
8	J.RAJITHA	III B.Sc - BHC	24
9	K.PRAVEENA	III B.Sc - BHC	24
10	K.SARITHA	III B.Sc - BHC	24
11	K.NARENDRA	III B.Sc - BHC	26
12	K.DILLESWARA RAO	III B.Sc - BHC	30
13	M.NIKHILA	III B.Sc - BHC	30
14	M.LAVANYA	III B.Sc - BHC	26
15	N.RUKMINI	III B.Sc - BHC	30
16	NIVEDITHA SOI	III B.Sc - BHC	24
17	R.DEVIKA	III B.Sc - BHC	26
18	R.NAVYA	III B.Sc - BHC	28
19	R.SIREESHA	III B.Sc - BHC	30
20	S.SUKANYA	III B.Sc - BHC	30

2023-2024

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STUDENT FEEDBACK REPORT

- | | | | | |
|----|---|------------------|---------|----------|
| 1. | Able to learn the basics | Strongly Agree / | Agree / | Disagree |
| 2. | Are you satisfying the teaching skills | Strongly Agree / | Agree / | Disagree |
| 3. | Are you satisfying the lab work | Strongly Agree / | Agree / | Disagree |
| 4. | Are you able to practice organic farming | Strongly Agree / | Agree / | Disagree |
| 5. | This course is useful to generate self-employment | Strongly Agree / | Agree / | Disagree |

2023-2024

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STUDENT FEEDBACK REPORT

NUMBER OF STUDENTS: 20

S.NO	FEEDBACK QUESTIONS	STRONGLY AGREE	AGREE	DISAGREE	TOTAL
1.	Able to learn the basics	20	-	-	20
2.	Are you satisfying the teaching skills	20	-	-	20
3.	Are you satisfying the lab work	17	3	-	20
4.	Are you able to practice organic farming	18	2	-	20
5.	This course is useful to generate self-employment	18	2	-	20

