

A.G &S.G.Siddhartha Degree College of Arts And Science,vuyyuru



Certificate Course

2020-21



Organic Farming

Department of Zoology

Course code:ZOCC OF-05

Duration :45 days

A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

(Managed by: Siddhartha Academy of General & Technical Education, Vijayawada-10)

An Autonomous College in the Jurisdiction of Krishna University

Accredited by NAAC with "A" Grade

ISO 9001:2015 Certified Institution

2020-2021



DEPARTMENT OF ZOOLOGY

Certificate Course
Title: Organic farming

Name of the Lecturer : D.A.Kiranmayee

Class : II B.A.,B.com,MPCTMMPC^{EM}BZCTMBZC^{EM}B.com (cs) ABC

Duration of the Course : 45 days

CourseCode : ZOCCOF-05

A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

Certificate Course Title: Organic farming

Objectives:

- To produce food of high nutritional quality in sufficient quantity.
- To encourages sustainable livelihood of the producers as well as safeguards consumers health
- To improve soil fertility, conserving flora and fauna, increasing genetic diversity, and putting an end to chemical pollution and toxic residues.
- To maintain and increase long term fertility of soil.

Outcomes:

After studying the course, the student will be able to

1. Able to adopt organic farming as his career
2. Use fewer pesticides and recycle animal wastes
3. Able to conserve water and improves crop yields.
4. Able to increase net incomes of farmers
5. Able to increase crop intensity along with availing fair price of the crop grown.

Methodology:Teacher centered Course

Duration: 45 Days

A.G. & S.G. Siddhartha Degree College of Arts & Science
Vuyyuru-521165, Krishna District, Andhra Pradesh

Certificate Course
Student Enrolment Sheet

Class : II B.A, B.com, MPCTM MPC^{EM} BZCTM BZC^{EM} B.com (cs) ABC

S. No	Roll No.	Name of the Student	Signature
1	19-002	P.Nani	P. Nani
2	19-005	G.Durga Prasad	G. Durgatrasad
3	19-006	K.Sukesh	k. Sukeshi.
4	19-008	M.Vamsi Vardhan	M. Vamsi Vardhan
5	19-010	T. Ravi	T. Ravi
6	19-012	Ch. Phani Kumar	Ch. Phani Kumar
7	19-014	R.Venkata sai	R. Venkata Sai
8	19-017	Ch.Naveen kumar	Ch. Naveen Kumar
9	19-018	K.Rajendra pavan kumar	K. Rajendra Pavan Kumar
10	19-019	D.Bala bhaskar	D. Bala bhaskar
11	19-020	S. Nagaendra Babu	S. Nagaendra babu
12	19-021	G.Surendra Babu	G. Surendra Babu
13	19-024	MD. Rafi	MD. Rafi
14	19-101	G.Naga sri lakshmi	G. Naga Sri Lakshmi
15	19-102	Ch.Sony	Ch. Sony
16	19-103	J.Naga Sandhya	J. Naga Sandhya

17	19-104	P.Ramya	p-Ramya
18	19-105	P.Sai tharaka	P. sai tharaka
19	19-110	V.Anuhya	V. Anuhya
20	19-112	P,Raju	P. Raju
21	19-113	G.Baleswari	G. Baleswari
22	19-114	D.Prema Raju	D. Prema Raju
23	19-115	A.Durga babu	A. Durga Babu
24	19-120	M.Bhargavi	M. Bhargavi
25	19-122	S.Padmaja	s. Padmaja
26	19-123	P.Bhargav	P. Bhargav
27	19-124	P.Bargav	P. Bhargav
28	19-125	Ch.Pardhu Srinu	ch. Pardhu Srinu
29	19-126	V.Siva Sai	V. Siva Sai
30	19-127	K.Lakshmi nagavalli	K. Lakshmi nagavalli
31	19-130	A.Mahendra babu	A. Mahendra Babu
32	19-131	B.Durga kodanda sai	B. D. Kodanda Sai
33	19-134	P.Sukumar	P. Sukumar
34	19-136	M.Uday kiran	M. Uday Kiran
35	19-137	D.Ashok	D. Ashok
36	19-138	A.Manoj babu	A. Manoj babu
37	19-139	I.Ananda kum,ar	I. Ananda kumar
38	19-143	D.N.Bhanu Prasad	D. N. Bhanu Prasad

39	19-146	K.Visala	26. Visala
40	19-147	J.Suresh	J. Suresh
41	19-152	P.Latha	P. Latha
42	19-157	P.Nagendra babu	P. Nagendrababu
43	19-205	SK.Meeravalli	SK. Meesavalli
44	19-206	D.Vijaya lakshmi	D. vijaya lakshmi
45	19-237	B.Hemanth	B. Hemanth
46	19-240	K.Venkatesh	K. Venkatesh
47	19-248	D.Venkatesh	D. Venkatesh
48	19-249	K.Subhash	K. subhash
49	19-257	T.Nehru	T. Nehru
50	19-301	J.Venkatesh	J. Venkatesh
51	19-302	J.Pavani	J. Pavani
52	19-303	K.Srividdya	K. srividya
53	19-304	A.Bhuvana	A. Bhuvana
54	19-305	G.Kavitha	G. kavitha
55	19-306	A.Revathi	A. Revathi
56	19-307	V.Lokeswari	V. Lokeswari
57	19-308	K.Naga kavitha sri	K. Naga kavitha sri
58	19-310	K.Kavya	K. kavya
59	19-311	N.Meghana keerthi	N. Meghana keerthi
60	19-312	G.Naga Aswini	G. Naga Aswini

61	19-314	T.Durga rao	T. Durga Rao
62	19-316	D.J.N.VAmrutha bhavani	D.J.N.V.A. bhavani
63	19-317	K.Mounika	K. manika
64	19-318	K.Ramya sri	K. Ramya sri
65	19-319	J.Sandhya	J. Sandhya
66	19-320	K.Rama Devi	K. Rama devi
67	19-404	V.Vijaya lakshmi	V. Vijaya lakshmi
68	19-405	M.Rose manasa	M. Rose manasa
69	19-407	M.Sandhya rani	M. sandhya rani
70	19-408	E.V.G.Naveen kumar	E.V.G. Naveen kumar.
71	19-409	V.Vasudha	V. Vasudha
72	19-411	G.Sowmya	G. Sowmya
73	19-412	A.Ruthu Louis	A. Ruthu Louis
74	19-413	P.Rushendra mani	P. Rushendra mani
75	19-414	P.Rushendra mani	P. Rushendra mani
76	19-415	Abdul Sattar	Abdul Sattar
77	19-416	O.Sampath kumar	O. Sampath kumar
78	19-417	Ch.Jyothi	Ch. Jyothi
79	19-418	K.Thulasi	K. Thulasi
80	19-419	A.Sriharshitha	A. Sriharshitha
81	19-420	S.Nikhil sanjay	S. N. K. h. b. Sanjay
82	19-421	K.Jhansi	K. Jhansi

83	19-422	K.Madhu priya	K. Madhu Priya
84	19-423	V.Akshitha	V. Akshitha
85	19-425	S.Kusuma	S. Kusuma
86	19-426	G.Kusuma	G. Kusuma
87	19-427	G.Chandu	G. Chandu
88	19-428	R.Vamsi vivek	R. Vamsi vivek.
89	19-429	M.Srinivasa rao	M. Srinivasa Rao
90	19-430	R.Srikanth nayak	R. Srikanth nayak.
91	19-432	Sk. Anwar Shareef	Sk. Anwar shareef
92	19-433	K.Dwaraka	K. Dwaraka
93	19-435	N.Gopinath	N. Gopinath
94	19-436	S.Malavika	S. Malavika
95	19-501	D.Mani deepika	D. Mani deepika
96	19-502	M.Deepika	M. Deepika
97	19-503	B.Naga devi	B. Nagadevi
98	19-504	N.T.V.N.Mahesh babu	N.T.V. N. Mahesh babu.
99	19-505	A.Bindu madhavi	A. Bindu madhavi
100	19-508	P.Daiva sundara nidhi	P. Daiva Sundara nidhi
101	19-510	G.Uma devi	G. Uma devi
102	19-513	Y.Lakshmi cherishma	Y. Lakshmi cheri -shma
103	19-514	P.Yuva kishore	P. Yuva kishore
104	19-516	P.Hema	P. Hema

105	19-801	N.Teja sree	N. Teja sree
106	19-811	Ch.Neelima	ch. Neelima .
107	19-817	M.Parameswari	M. Parameswari
108	19-818	D.Durga sri	D. Durgasri
109	19-819	D.Vijaya lakshmi	D. vijayalakshmi
110	19-826	P.Sirisha	P. sirisha
111	19-829	J.Supaja	j. supaja
112	19-845	S.Prema latha	S. Prema latha
113	19-870	B.Prasanthi	B. Prasanthi
114	19-901	K.Lakshmi Tirupatamma	K. Lakshmi Tirupatamma
115	19-902	N.Akhila sree	N. Akhila sree
116	19-903	B.Ganesh mallikharjuna rao	B. Ganesh mallikharjuna rao
117	19-904	Y.Mohana thulasi	y. Mohana Thulasi
118	19-905	K.Sai chandan	K. Sai chandan
119	19-906	G.Neeraja	G. Neeraja
120	19-907	M.Siva sarath	M. Siva sarath
121	19-909	A.Naga chandrika	A. naga chandrika
122	19-910	P.Tejaswi	P. Tejaswi
123	19-911	I.Ramya Roshini Lalitha	I. Ramya Roshini Lalitha
124	19-912	K.Sweety	K. Sweety
125	19-913	P.V.V.R.D.N.D.Ankababu	P.V.V.R.D.N.D. Ankababu
126	19-914	M.Naga Prasanna	M. Naga Prasanna

127	19-915	M.Moulika	m. moulika
128	19-916	M.Shabhana begam	M. Shabhana begam
129	19-917	G.Uday Baskar	G. Uday Baskar
130	19-919	Sk.Althaf Basha	SK. Althaf Basha
131	19-921	B.Bhanu kumar	B. Bhanu kumar
132	19-922	Ch.Gayathri	ch. Gayathri

A.G. & S.G. Siddhartha Degree College of Arts & Science
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Certificate Course
Title: Organic farming

Batch-1 : 06-02-2021 to 30-03-2021

Batch-2 : 24-11-2021 to 20-01-2022

Content	Module No.
Concept of Organic farming. 1.1: Introduction- Farming, Organic farming, concept and development of organic farming. 1.2: Principals of organic farming, types of organic farming. 1.3: Benefits of organic farming. 1.4: Need for organic farming. 1.5: Requirements for organic farming.	UNIT: I
Organic crop production practices-I 2.1: Organic crop production methods- vegetables- Solanum melongena, Avelmoschusculentus, capsicum (chilies) Lycopersicum, Amaranthus, Cucurbitaceae. 2.2: Organic crop production methods –Fruits- Banana, Papaya. 2.3: Livestock component in organic farming.	UNIT: II
Organic crop production practices-II 3.1: Organic crop production methods- Spices- peper,ginger 3.2: Organic crop production methods- Medicinal and aromatics. 3.3: Organic crop production methods- Ornamental crops	UNIT: III
Organic plant protection and nutrient management. 4.1: Soil tillage, land preparation and mulching. 4.2: Green manuring, composting-principles, composting methods, vermi composting. 4.3: Organic manures, organic preparations. 4.4: Bio-fertilizers-types. 4.5: Weed management	UNIT: IV

A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

Certificate Course Title: Organic farming

Test Exercise:

- 1. What Are The Benefits Of Organic Farming?**
- 2.Is There A Need To Practice The Organic Farming?**
- 3.How Good Compost Is Prepared?**
- 4.When Compost Is Ready?**
- 5.How Are Organic Livestock And Poultry Raised?**
- 6.Is Organic Food Safe?**
- 7.How Do Organic Farmers Fertilize Crops And Control Pests, Diseases, And Weeds?**
- 8. How Does Compost Improve The Soil?**
- 9.What Biofertilizer Are Recommended For Crops?**
- 10.How Are Weeds Managed On Organic Farms?**

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Key:

Ans.1.It helps in maintaining environment health by reducing the level of pollution.

- It reduces human and animal health hazards by reducing the level of residues in the product.
- It helps in keeping agricultural production at a higher level and makes it sustainable.
- It reduces the cost of agricultural production and also improves the soil health.
- It ensures optimum utilization of natural resources for short-term benefit and helps in conserving them for future generation.
- It not only saves energy for both animal and machine, but also reduces risk of crop failure.
- It improves the soil physical properties such as granulation, and good tilth, good aeration, easy root penetration and improves water-holding capacity.
- It improves the soil chemical properties such as supply and retention of soil nutrients, and promotes favorable chemical reactions.

Ans.2.With the increase in population our compulsion would be not only to stabilize agricultural production but also to increase it further in sustainable manner. Excessive use over years of agro-chemicals like pesticides and fertilizers may affect the soil health and lead to declining of crop yields and quality of products. Hence, a natural balance needs to be maintained at all cost for existence of life and property. The obvious choice would be judicious use of agro-chemicals and more and more use of naturally occurring material in farming systems.

Ans.3.Compost making is the process of decomposing organic wastes in a pit. Site for compost making is selected should be at a high level and water should not pond during monsoon season. Pit should be of 3' depth and 6' to 8' width. Length may be of any convenient size.

The process is as follows:

- Make slurry of the cattle dung with water.
- Prepare 6" layer of organic wastes – plant residues, sweepings from the cattle shed, waste fodder, dried plants stalks and leaves etc. and sprinkle water to just moisten it. (Over watering should be avoided).
- Cover with the layer with urine earth and cattle dung slurry.
- Add 5 to 10 kg of super phosphate for every 10 tons of organic wastes.
- Repeat the process of putting such layers till the pit is full.

- Close the pit with urine earth, waste fodder and then heap the soil till it gets convex shape (about 1 to 1.5' above the ground) so that the rainwater rolls away.
- After six months compost is ready to apply to the fields.

The pit can be filled up if sufficient organic wastes are available. Otherwise a temporary partition can be made in the pit with bamboos or stalks and the pit can be filled up over time filling each partitioned area as and when the material is available for composting.

Ans.4.The compost is ready when the material is moderately loose and crumbly and the colour of the compost is dark brown. It will be black, granular, lightweight and humus-rich. To facilitate separating the worms from the compost, stop watering two to three days before emptying the beds. This will force about 80 per cent of the worms to the bottom of the bed. The rest of the worms can be removed by hand, and are ready to be transferred into the next round of compost making. The vermicompost is then ready for application. The smell is earth-like. Any bad odour is a sign that fermentation has not reached its final goal and that the bacterial processes are still going on.

Ans.5.Organic meat, dairy products, and eggs are produced from animals that are fed organic feed and allowed access to the outdoors. They must be kept in living conditions that accommodate the natural behavior of the animals. Ruminants must have access to pasture. Organic livestock and poultry may not be give antibiotics, hormones, or medications in the absence of illness; however, they may be vaccinated against disease. Parasiticide use is strictly regulated. Livestock diseases and parasites are controlled primarily through preventative measures such as rotational grazing, balanced diet, sanitary housing, and stress reduction.

Ans.6.Yes. Organic food is as safe to consume as any other kind of food. Just as with any kind of produce, consumers should wash before consuming to ensure maximum cleanliness. As cited above, organic produce contains significantly lower levels of pesticide residues than conventional produce. It is a common misconception that organic food could be at greater risk of E. coli contamination because of raw manures application although conventional farmers commonly apply tons of raw manure as well with no regulation whatsoever. Organic standards set strict guidelines on manure use in organic farming: either it must be first composted, or it must be applied at least 90 days before harvest, which allows ample time for microbial breakdown of pathogens.

Ans.7.Organic farmers build healthy soils by nourishing the living component of the soil, the microbial inhabitants that release, transform, and transfer nutrients. Soil organic matter contributes to good soil structure and water-holding capacity. Organic farmers feed soil biota and build soil structure and water-holding capacity. Organic farmers build soil organic matter with cover crops, compost, and biologically based soil amendments. These produce healthy plants that are better able to resist disease and insect predation. Organic farmers' primary strategy in controlling pests and diseases is prevention through good plant nutrition and management. Organic farmers use cover crops and sophisticated crop rotations to manage the field ecology, effectively disrupting habitat for weeds, insects, and disease organisms.

Weeds are controlled through crop rotation, mechanical tillage, and hand-weeding, as well as through cover crops, mulches, flame weeding, and other management methods. Organic farmers rely on a diverse population of soil organisms, beneficial insects, and birds to keep pests in check. When pest populations get out of balance, growers implement a variety of strategies such as the use of insect predators, mating disruption, traps and barriers. Under the National Organic Program Rule, growers are required to use sanitation and cultural practices first before they can resort to applying a material to control a weed, pest or disease problem. Use of these materials in organic production is regulated, strictly monitored, and documented. As a last resort, certain botanical or other non-synthetic pesticides may be applied.

Ans.8.Compost does several things to benefit the soil that synthetic fertilizers cannot do. First, it adds organic matter, which improves the way water interacts with the soil. In sandy soils, compost acts as a sponge to help retain water in the soil that would otherwise drain down below the reach of plant roots (in this way, it protects plants against drought). In clay soils, compost helps to add porosity (tiny holes and passageways) to the soil, making it drain more quickly so that it doesn't stay waterlogged and doesn't dry out into a bricklike substance. Compost also inoculates the soil with vast numbers of beneficial microbes (bacteria, fungi, etc.) and the habitat that the microbes need to live. These microbes are able to extract nutrients from the mineral part of the soil and eventually pass the nutrients on to plants.

Ans.9.Rhizobium + Phosphate at 200 gm each per 10 kg of seed as seed treatment are recommended for pulses such as pigeonpea, green gram, black gram, cowpea etc, groundnut and soybean.

- Azotobacter + Phosphate at 200 gm each per 10 kg of seed as seed treatment are useful for wheat, sorghum, maize, cotton, mustard etc.
- For transplanted rice, the recommendation is to dip the roots of seedlings for 8 to 10 hours in a solution of Azospirillum + Phosphate at 5 kg each per ha.

Ans.10.Weed management on organic farms consists of cultural and mechanical techniques such as the rotation of crops that suppress weeds, mulching, tillage, cultivation, water management, and manual weeding. Weeds often help to conserve soil, improve organic matter, and provide beneficial habitat for natural enemies on organic farms. Plastic mulches are permitted provide they are removed at the end of the season. Insects and diseases can help to keep certain weed populations in check. There are a few natural substances that are also used to manage weeds, but the efficacy of these substances is still subject to question.

Organic Farming Student List

2020 - 2021

12

S.No	Reg. No	50 Marks	Name of the student	Certificate issue & Signatures	S.No
①	11-002 ^{U.B.A}	36	P. Nani	P. Nani	31
②	19-005	34	Gi. Durga Prasad.	G.D. Prasad	32
③	19-006	38	K. Sukesh	K. Sukesh	33
4	19-008	31	M. Vamsi Vardhan	M. Vamsi Vardhan	34
5	19-010	32	T. Ravi	T. Ravi	35
6	19-012	37	Ch. Phani Kumar	Ch. Phani Kumar	36
7	19-014	31	R. Venkata Sai	R. Venkata Sai	37
8	19-019	48	D. Bala bharat	D. Bala bharat	38
9	19-020	25	S. Nagendra Babu	S. Nagendra Babu	39
10	19-024	36	Ms. Raji	Ms. Raji	40
11	19-112 ^{II.B.Com}	36	P. Raju	P. Raju	41
12	19-114	41	D. Prema Raju	D. Prema Raju	42
13	19-115	43	A. Durga Babu	A. Durga Babu	43
14	19-123	47	P. Bhargav	P. Bhargav	44
15	19-125	43	Ch. Parthu Srinu	Ch. Parthu Srinu	45
16	19-126	34	V. Siva Sai	V. Siva Sai	46
17	19-130	36	A. Mahendra Babu	A. Mahendra Babu	47
18	19-131	43	B. Durga Kodanda Sai	B. Sai	48
19	19-134	37	P. Sakumar	P. Sakumar	49
20	19-136	43	M. Uday Kiran	M. Uday Kiran	50
21	19-137	40	B. Ashok	B. Ashok	51
22	19-138	36	A. Manoj Kumar	A. Manoj Kumar	52
23	19-139	40	I. Ananda Kumar	I. Ananda Kumar	53
24	19-143	43	D. N. Bhanu Prasad	D. N. Bhanu Prasad	54
25	19-147	41	J. Suresh Babu	J. Suresh Babu	55
26	19-157	43	R. Nagendra Babu	R. Nagendra Babu	56
27	19-205	38	SK. Meera Valli	SK. Meera Valli	57
28	19-206	40	D. Divyaja Lakshmi	D. Divyaja Lakshmi	58
29	19-237	48	B. Hemanth	B. Hemanth	59
30	19-240	40	K. Venkatesh	K. Venkatesh	60

S.No	Reg. No	50 Marks	Name of the Student	Certificate issue & Signature
31	19-248	40	D. Venkatesh	D. Venkatesh
32	19-249	36	K. Subhash	G. D. Prasad
33	19-301	46	J. Venkatesh	J. Venkatesh
34	19-302	34	J. Pavani	J. Pavani
35	19-303	33	K. Srividya	K. Srividya
36	19-304	26	A. Bhuvana	A. Bhuvana
37	19-305	35	G. Kavitha	G. Kavitha
38	19-306	30	A. Revathi	A. Revathi
39	19-307	45	V. Lokeswari	B. Lokeswari
40	19-308	29	K. Naga Kavitha Sri	K. Naga Kavitha Sri
41	19-310	27	K. Kavya	K. Kavya
42	19-311	31	N. Meghana Keerthi	N. Meghana Keerthi
43	19-312	25	G. Naga Aswini	G. Naga Aswini
44	19-314	36	T. Durga Rao	T. Durga Rao
45	19-316	29	D. J. N. V. Amrutha Bhavani	D. J. N. V. A. Bhavani
46	19-317	36	K. Mounika	K. Mounika
47	19-318	36	K. Ramya Sri	K. Ramya Sri
48	19-319	20	J. Sandhya	J. Sandhya
49	19-320	35	K. Rama Devi	K. Rama Devi
50	19-404	48	V. Vijaya Lakshmi	V. Vijaya Lakshmi
51	19-405	49	M. Rose Manasa	M. Rose Manasa
52	19-407	long	M. Sandhya Rani	M. Sandhya Rani
53	19-408	23	E. V. G. Navien Kumar	E. V. G. Navien Kumar
54	19-409	40	V. Vasudha	V. Vasudha
55	19-411	26	G. Sowmya	G. Sowmya
56	19-414	31	P. Rushendra Mani	P. Rushendra Mani
57	19-415	21	Abdul Sattar	S. A. Sattar
58	19-416	28	O. Sampath Kumar	O. Sampath Kumar
59	19-417	37	Ch. Jyothi	Ch. Jyothi
60	19-418	45	K. Thulasi	K. Thulasi

S.No	Reg. No.	50 Marks	Name of the student	Certificate issue of Signature	S.No.
61	19-419	21	A. Sriharshitha	A. Sri Harshitha	91
62	19-420	30	S. Nikhil Sanjay	S. Nikhil Sanjay	92
63	19-421	40	K. Jhansi	K. Jhansi	93
64	19-422	32	K. Madhu Priya.	K. Madhu Priya	94
65	19-423	33	V. Akshitha	V. Akshitha	95
66	19-425	30	S. Kusuma	S. Kusuma	96
67	19-426	37	G. Kusuma	G. Kusuma	97
68	19-427	34	G. Chandu	G. Chandu	98
(69)	19-428	27	R. Vamsi Vineth	R. Vamsi Vineth	99
70	19-429	26	M. Srinivasa Rao	M.S.R.	100
71	19-430	32	R. Sri Lakshmi Nayak	R. S. Nayak	101
72	19-433	35	K. Dwaraka	K. Dwaraka	102
(73)	19-435	42	N. Gopnath	N. G. A.	103
74	19-436	34	S. Malavika	S. Malavika	104
75	19-501	40	D. Mani Deepika	D. Mani Deepika	105
76	19-502	26	M. Deepika	M. Deepika	106
77	19-503	46	B. Naga devi	B. Naga Devi	107
78	19-504	40	N. T. V. N. Mohanbabu	N. T. V. N. Mohanbabu	108
79	19-508	41	P. Divya Sundara nidhi	P. Divya Sundara	109
80	19-510	49	G. Uma Devi	G. Uma Devi	110
81	19-513	42	Y. Lakshmi Chaitanya	Y. L. Chaitanya	111
82	19-514	47	P. Yuva Kishore	P. Yuva Kishore	112
83	19-516	22	P. Hema	P. Hema	113
84	19-801	40	N. Teja Sree	N. Tejasree	114
85	19-811	48	Ch. Neelima	Ch. Neelima	115
(86)	19-817	36	M. Parameeswari	M. Parameeswari	116
87	19-818	36	D. Durga Sri	D. Durga Sri	117
(88)	19-819	47	D. Vijaya Lakshmi	D. Vijaya Lakshmi	118
89	19-826	48	P. Divya	P. Divya	119
90	19-829	43	J. Supriya	J. Supriya	120

S.No.	Reg. no.	50 Marks	Name of the student	Certificate issue & Signature
91	19-845	43	S. preema latha.	N. Tejassee
92	19-870	48	B. prasanthi	B. prasanthi
93	19-901	49	K. Lakshmi Tirupatamma	K. L. Tirupatamma
94	19-902	49	N. Akhila Sree	N. Akhileshwari
95	19-903	37	B. Ganesh Mallikharajunur	B. Ganesh Mallikharajunur
96	19-904	47	Y. Mohana Thulasi	Y. Mohana Thulasi
97	19-905	47	K. Sai Chandan.	K. Sai Chandan
98	19-906	49	G. Neeraja.	G. Neeraja
99	19-907	36	M. Siva Sarath.	M. Sarath
100	19-909	45	A. Naga Chandrika.	A. Naga Chandrika
101	19-910	37	P. Tejaswi	P. Tejaswi
102	19-911	42	T. Ramya Rashmi Lalitha	T. R. R. Lalitha
103	19-912	37	K. Sweety	K. Sweety
104	19-913	40	P. V. V. R. D. N. D. Anubabu	P. Anubabu
105	19-914	49	M. Naga Prasanna	M. N. Prasanna
106	19-915	42	M. Moulika	M. Moulika
107	19-916	44	Md. Shabana Begum	Md. Shabana Begum
108	19-917	46	G. Uday Baskar	G. Uday Baskar
109	19-919	48	Sk. Althaf Baskar	Sk. Althaf Baskar
110	19-921	38	B. Bhanu Kumar	B. Bhanu Kumar
111	19-922	45	Ch. Gayathri	Ch. Gayathri
112	19-101	48	G. Naga Sri Lakshmi	G. Naga Sri Lakshmi
113	19-102	47	Ch. Soni	Ch. Soni
114	19-103	46	J. Naga Sindhya	J. Naga Sindhya
115	19-104	49	P. Ramya	P. Ramya
116	19-105	48	P. Sai Tharaka.	P. Sai Tharaka
117	19-110	43	V. Anuhya.	V. Anuhya
118	19-113	48	G. Baleswari	G. Baleswari
119	19-120	48	M. Bhargavi	M. Bhargavi
120	19-122	48	S. Padmaja.	S. Padmaja

121	✓ 19-127	36	K. Lakshmi Nagavalli	K. Vairi
122	19-146	49	K. Visala	K. Visala
123	19-152	48	P. Caltha	P. Latha
124	18-137	36	K. Praveen	K. Praveen
125	19-505	21	A. Bindu Madhavi	A. Bindu Madhavi
126	19-412	37	A. Ratha Louis	A. RATHULUIS
127	19-017	29	CH. Naveen Kumar	Ch. Naveen Kumar
128	19-018	34	K. Rajendrapatankumar	K. R. Pawan Kumar
129	19-021	32	G. Suresh Babu	G. Suresh Babu
130	19-257	39	T. Nehru	T. Nehru
131	19-413	42	K. Parankalyan	K. Parankalyan
132	19-432	46	sk. Anwar shareef	sk. Anwar shareef
133	19-024	38	S. Brahmam	S. Brahmam

133 studyt

19A/17

Head, Department of Zoology,
 AG&SG Siddhartha Degree College,
 (Autonomous)
 VUYYURU - 521 165.

Int
 INTERNAL AUDIT
 IQAC
 AG & SGS Degree College
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A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

Department of Zoology

Certificate Course

Title: Organic farming

Feed Back Form

1. Is the programme interested to you ✓
(Yes/No)
2. Have you attended all the session ✓
(Yes/No)
3. Is the content of the program is adequate ✓
(Yes/No)
4. Have the teacher covered the entire syllabus? ✓
(Yes/No)
5. Is the number of hours adequate? ✓
(Yes/No)
6. Do you have any suggestions for enhancing or reducing the number of weeks designed for the program? ✓
(Yes/No)
7. On the whole, is the program useful in terms of enriching your knowledge? ✓
(Yes/No)
8. Do you have any suggestions on the program? ✓
(Yes/No)

P. Nani^e - 19-002

II. B A

P. Nani

PRINCIPAL

AG & SG Siddhartha Degree College of
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B. A. Laxmanmayee

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A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

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Feed Back Form

1. Is the programme interested to you (Yes/No)
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3. Is the content of the program is adequate (Yes/No)
4. Have the teacher covered the entire syllabus? (Yes/No)
5. Is the number of hours adequate? (Yes/No)
6. Do you have any suggestions for enhancing or reducing the number of weeks designed for the program? (Yes/No)
7. On the whole, is the program useful in terms of enriching your knowledge? (Yes/No)
8. Do you have any suggestions on the program? (Yes/No)

G. Uma Devi - 19-510
II.B-2-C (E.M)

H. Balakrishna

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A.G. & S.G. SIDDHARTHA COLLEGE OF ARTS & SCIENCE

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Re Accredited with Grade 'A' by NAAC, Bangalore

VUYYURU - 521 165, Krishna Dist., A.P



Certificate

This is to certify that B. N. Bhanu Prasad of II B Com has successfully completed the certificate course in Organic farming organized by the department of Zoology during the year 2020 - 2021, in association with IQAC and passed the examination in grade 'A'



Course Coordinator

Head, Department of Zoology
A.G. & S.G. Siddhartha Degree College,
Vuyyuru


Principal

