

GOVERNMENT DEGREE COLLEGE

(NAAC Accredited at 'B' Level)

Razole-533 242, East Godavari District (A.P)

Department of Zoology

2021-22



Certificate Course on "**Biofertilizer VERMICOMPOSTING**"



GOVERNMENT DEGREE COLLEGE, RAZOLE

Department of zoology

NOTICE

The Department of Zoology is happy to inform you that a certificate course in " Bio fertilizer – Vermicomposting " will be started from 01.11.2021. This is open to all the students of this college, those who are interested to join in this course may contact K.Sri Rama Murthy , Head of the Department for further details .


Course Director

LECTURER IN ZOOLOGY
Government Degree College
RAZOLE

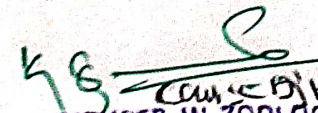
M. Saini
Course Convener


PRINCIPAL
PRINCIPAL
Government Degree College
(NAAC Reaccredited at 'B' Grade)
RAZOLE - 533 242, E.G.Dt (A.D.)

Student Enrolment - 2021-22

S.No	REGD-NO	Name of the student	Signature
1.	19107710034	BADDE HARITHA	B. Haritha
2.	19107710035	CHINTA HEMA PALLAVI	C. hema Pallavi
3.	19107710036	GADI VENKATESH	Gr. Venkatesh
4.	19107710038	JADI DIVYA JYOTHI	J. Divya Jyothi
5.	19107710041	KANCHI HEMA MANIKUMARI	k. H. Mani Kumari
6.	19107710044	KOLLABATHULA YAMINI	K. Yamini
7.	19107710048	DONGA LAKSHMI PRIYA	Donga. Lakshmi priya
8.	19107710050	MOKA PRIYANKA	M. Priyanka
9.	19107710051	MORT SREESHA	M. Sreesha
10.	19107710054	PEMAMANI DEVI PADMA	pemamani Deri padma
11.	19107710056	POSIMSETTI CHANDRA JYOTHI	P. chandra jyothi
12.	19107710059	DELANET HARISH	R. Harish
13.	19107710063	TADI SWATHI	T. Swathi
14.	19107710064	U. LIKITHA ARUNDHATHI	U. Likitha Arundhathi
15.	19107710065	UNDURU ARPITHA ANGEL	U. Arpitha Angel

M. Sailaja
"Convener"


K. S. Suresh
 LECTURER IN ZOOLOGY
 Government Degree College
 RAZOL

Govt. Degree College Razole

Department of Zoology

Syllabus -2021-22

Certificate course in Biofertilizer : Vermicompost

Unit – 1

Total periods: 45

- | | |
|---|-----|
| 1.1 Vermicompost : Intrduction and Scope | 0.2 |
| 1.2 Types of Earthworm & classification Epigenic,Endogeic,Diageic | 0.2 |
| 1.3 Life history of Earthworm (Earthworm Species Eisenia fotida) | 0.5 |

Unit -2

- | | |
|--|----|
| 2.1 Objectives of Vermicompost. | 02 |
| 2.2 vermicompost production: Establishment of vermicompost & vermiwash unit | 05 |
| 2.3 Different methods of vermicomposting : Small & large scale bed method , pit method | 06 |
| 2.4 Harvesting the compost | 02 |
| 2.5 Storing & packing of vermicompost | 02 |

Unit -3

- | | |
|--|----|
| 3.1 Precautions while Vermicompost | 03 |
| 3.2 Physical – chemical analysis of vermicompost : | 03 |
| 3.3 Physical Parameters of vermicompost | 03 |

3.4 Nutrient content of vermicompost & their role in agriculture	03
3.5 Benfits of vermicompost	03
3.6 Pests and diseases of Earthworms	04

Mr. Saileja
CONVENTOR


Course Director
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		TOPICS
1	1 - 11 - 2021	Introduction of Vermi Compost
2	2 - 11 - 2021	Scope of Vermi Compost
3	3 - 11 - 2021	Types of Earthworms
4	4 - 11 - 2021	Classification
5	5 - 11 - 2021	Epigeic
6	7 - 11 - 2021	Endogeic
7	8 - 11 - 2021	Diageic
8	9 - 11 - 2021	Life history of Earthworms
9	10 - 11 - 2021	Objectives of Vermi Compost
10	11 - 11 - 2021	Vermi compost production
11	12 - 11 - 2021	Establishment of Vermicomposting
12	15 - 11 - 2021	Vermi wash unit
13	16 - 11 - 2021	Different Methods of Vermicomposting
14	17 - 11 - 2021	Small and large scale bed method
15	18 - 11 - 2021	Pit method
16	19 - 11 - 2021	Harvesting the Compost
17	21 - 11 - 2021	Storage of Vermi Compost
18	22 - 11 - 2021	Packing of Vermicompost
19	28 - 11 - 2021	Precautions
20	24 - 11 - 2021	Vermicomposting - field -

22.	26-11-2021	Analysis of Physio.
23.	28-11-2021	Analysis of chemical
24	30-11-2021	physical parameters of Vermi Compost
25	1-12-2021	Nutrient Content of Vermicompost
26	2-12-2021	Role in Agriculture of Vermicompost
27	3-12-2021	Benefits of Vermicompost
28	5-12-2021	Pests
29	6-12-2021	Diseases of Earthworms
30	7-12-2021	Revision
31	8-12-2021	Revision
32	9-12-2021	Revision
33	10-12-2021	Revision
34	12-12-2021	Revision
35	13-12-2021	Assignment
36	14-12-2021	Assignment
37	15-12-2021	Assignment
38	16-12-2021	Assignment
39	17-12-2021	Examination
40	18-12-2021	Certificate presentation
	M. Sailaja	
	'CONVENOR'	


 K. S. Suresh
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[illegible]

13-12-2021	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
14-12-2021	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
15-12-2021	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16-12-2021	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17-12-2021	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19-12-2021	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
20-12-2021	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21-12-2021	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
22-12-2021	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
23-12-2021	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
27-12-2021	P	A	P	A	P	P	P	P	A	P	P	P	P	P	P

M. Sailaja

CONVENOR


 K. G. S.
 Course Director
 LECTURER IN ZOOLOGY
 Government Degree College
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GOVERNMENT DEGREE COLLEGE, RAZLOE
DEPARTMENT OF ZOOLOGY
CERTIFICATE COURSE ON VERMICOMPOSTING
QUESTION PAPER -2021-2022

Marks 50

Max : time 2hrs

WRITE ALL THE QUESTIONS

3X10=30M

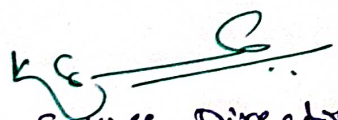
1. How many types of earthworms? Classify them
2. Establish the vermicompost unit and vermiwash unit ?
3. What are nutrient content of vermicompost and their role in Agriculture?

WRITE A SHORT NOTES ON

4x5=20 M

1. Objectives of vermicompost
2. Packing of vermicompost
3. Benefits of vermicompost
4. Precautions of vermicomposting

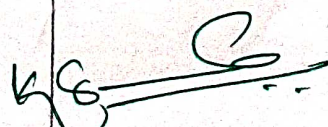
M. Sailaja
CONVENOR


Course Director
LECTURER IN ZOOLOGY
Government Degree College
RAZLOE

Marks - Award List - 2021-22

S.NO	Name of the student	Max Marks	Obtained Marks
1.	BADDE HARITHA	50	50
2.	CHINTA HEMA PALLAVI	50	49
3.	GADI VEMKATESH	50	47
4.	JADI DIVYA JYOTHI	50	46
5.	KANCHI HEMA MANIKUMART	50	46
6.	KOLLABATHULA YAMINI	50	47
7.	DONGA LAKSHMI PRIYA	50	49
8.	MOKA PRIYANKA	50	48
9.	MORI SIRESHA	50	47
10.	PEMAMANI DEVI PADMA	50	47
11.	POSIMSETTI CHANDRA JYOTHI	50	48
12.	RELANGI HARISH	50	47
13.	TADI SWATHI	50	48
14.	V. LIKITHA ARUNDHATHI	50	48
15.	UNDURU ARPITHA ANGEL	50	48

M. Kailaja
'CONVENOR'


LECTURER IN ZOOLOGY
Government Degree College
RAZOLI



GOVERNMENT DEGREE COLLEGE :: RAZOLE

Proudly Awarded to

B.Haritha

For successfully completed
Certificate Course on Biofertilizer-Vermicomposting
from 1st Nov 2021 to 27th Dec. 2021.

Dept. In-Charge

IQAC Coordinator

Principal



GOVERNMENT DEGREE COLLEGE :: RAZOLE

Proudly Awarded to

D.Lakshmipriya

For successfully completed
Certificate Course on Biofertilizer-Vermicomposting
from 1st Nov 2021 to 27th Dec. 2021.

Dept. In-Charge

IQAC Coordinator

Principal