

**C.S.T.S GOVERNMENT KALASALA
JANGAREDDIGUEM
ELURU DISTRICT**



DEPARTMENT OF ZOOLOGY

**Certificate Course
On
Vermicompost**

2023-24

**CHATRAPATHI SIVAJI TRI SATA JAYANTHI
(CSTS) GOVT. KALASALA**



Enter to Learn - Leave to Serve

Jangareddigudem, Eluru Dist

Phone : 08821-225310, Visit us at : www.cstsgk.ac.in

E-Mail : jangareddigudem.manatv@gmail.com



Date: 11-09-2023

Department of Zoology- minutes

The Department of Zoology met Principal Dr.N. Prasad Babu at his chamber along with IQAC Co-coordinator, Department of Botany and Department of Horticulture on 11-09-2023 and the following resolutions has been taken.


Agenda

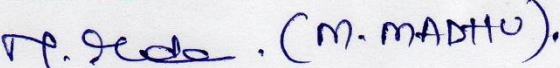
1. Proposed to start a certificate course on Vermicompost.
2. Evolution test will be done in a stipulated time.

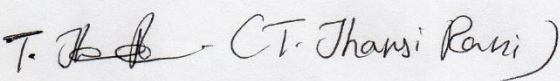
Resoultion

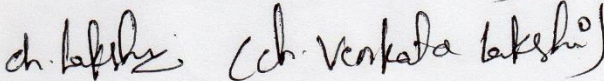
- It is resolved that to start a Certificate course on Vermicompost on 14-09-2023.

Signature 11/9/23

Chair Person : 

IQAC Co-ordinator :  (M. MADHU).

Dept.of Botany :  (T. Jhansi Rani)

Dept.of Horticulture :  (Ch. Venkata Lakshmi)

Principal's Permission Letter

From

R. Vijayadeepika,
Lecturer in Zoology,
CSTS Government Kalasala,
Jangareddigudem.

To

The Principal,
CSTS Government. Kalasala,
Jangareddigudem.

Sub: Requesting for permission to conduct Certificate Course on Vermicompost from
14.09.2023 submitted –regarding

The Department of Zoology is planning to conduct a Certificate Course on
“Vermicompost” from 14-09-2023. So I requested to grant permission to conduct the same on the
above mentioned date. It is future submitted that, we would like the certificate course from 5 PM to 6
PM. This is for your information and consideration

Thanking you sir,

Vijayadeepika R
Yours faithfully

[VIJAYADEEPIKA.R]

Lec. in Zoology

Permitted
Dams
11/9/23

**CHATRAPATHI SIVAJI TRI SATA JAYANTHI (CSTS)
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Date : 12-09-2023

Department of Zoology- Circular

The Department of Zoology is going to start a Certificate Course on "Vermicompost" on 14-09-2023 at Zoology Department. Students are requested to register in the course. The staff and students are requested to attend the inauguration of certificate course on 14-09-2023 at 12 noon at Zoology lab.

Signature of the Principal

12/9/23

Signature of the Lecturer

Signature of the Staff

(M. MADHU)

(B. ASHOK)

(C.V. LAL)

(Ch. Venkata Lakshmi)

(T. Shanikumar)

(Ch. Badari Narayana)

(M. SRINIVASA
RAO)

(KUTTAM SAGAR)

(K.V.V. SIRISHA)

(Ch. RAMA DEVI)

(V. HANUMANTHARAO)

Aim of the Certificate Course

The aim of a certificate course on Vermicompost is to provide participants with comprehensive knowledge, practical skills, and a deep understanding of vermicomposting techniques, applications, and benefits. It aims to equip individuals with the expertise necessary to effectively implement, manage, and promote vermicomposting practices for environmental sustainability, agricultural enhancement, waste management, and potential entrepreneurial opportunities. The course seeks to empower participants to become proficient in vermicomposting, promoting its widespread adoption and fostering a deeper understanding of its role in sustainable practices and ecosystem health.

Objectives

1. **Understanding Vermicomposting Fundamentals:** To provide a comprehensive understanding of the principles, processes, and benefits of vermicomposting.
2. **Practical Skills Development:** To equip participants with hands-on experience in setting up and maintaining vermicomposting systems, including managing worms, optimizing conditions, and troubleshooting common issues.
3. **Environmental and Agricultural Applications:** To explore the applications of Vermicompost in agriculture, landscaping, waste management, and environmental sustainability.
4. **Quality Control and Management:** To educate participants on assessing Vermicompost quality, its various uses, and potential markets while maintaining standards.
5. **Promoting Entrepreneurship:** To empower individuals to explore entrepreneurial opportunities in vermicomposting, including small-scale business setups, consulting, or educational outreach.
6. **Sustainable Practices:** To emphasize the importance of vermicomposting in sustainable waste management and its role in reducing carbon footprint.

7. **Regulatory and Safety Awareness:** To inform participants about regulations, safety measures, and best practices associated with vermicomposting operations.

8. **Community Engagement and Outreach:** To encourage community involvement by promoting awareness and education about vermicomposting's benefits and techniques.

These objectives aim to provide a well-rounded understanding of vermicomposting, encompassing both theoretical knowledge and practical skills for its implementation and promotion.

Outcomes

1. **Proficiency in Vermicomposting Techniques:** Participants will demonstrate a comprehensive understanding of vermicomposting principles, methods, and best practices.

2. **Hands-on Skills:** Ability to set up, manage, and troubleshoot vermicomposting systems effectively, including optimizing conditions for worm health and compost quality.

3. **Application in Agriculture and Environmental Sustainability:** Competence in applying Vermicompost to improve soil health, enhance plant growth, and contribute to sustainable waste management practices.

4. **Quality Assurance:** Capability to assess and maintain the quality standards of Vermicompost, ensuring its viability for various applications.

5. **Entrepreneurial Potential:** Participants will be equipped with the knowledge and confidence to explore entrepreneurial opportunities in vermicomposting, such as starting small-scale operations or consulting services.

6. **Awareness and Advocacy:** Increased awareness and ability to educate communities about the benefits of vermicomposting, promoting its adoption for environmental conservation.

7. **Compliance and Safety:** Understanding of regulatory requirements and safety protocols associated with vermicomposting operations, ensuring responsible and safe practices.

These outcomes aim to empower participants with the necessary knowledge, skills, and confidence to effectively practice vermicomposting, contribute to sustainable practices, and potentially pursue entrepreneurial endeavors in this field.

Procedure:

The procedure for preparing vermicompost involves several steps:

Materials Needed:

- Organic waste (such as kitchen scraps, yard waste, shredded paper)
- Red worms (*Eisenia fetida* or red wigglers)
- A composting bin or container
- Moisture-retaining bedding material (shredded newspaper, cardboard, coconut coir)
- Water spray bottle

Steps:

1. Choose a Bin: Select a suitable container or bin for vermicomposting. It should be well-ventilated with drainage holes and opaque or dark-colored to keep light out, as worms prefer darkness.
2. Prepare Bedding: Create a bedding layer using moistened shredded paper, cardboard, or coconut coir. This bedding provides a habitat for worms and helps retain moisture.
3. Add Worms: Introduce red worms to the bedding. Start with a sufficient amount based on the volume of waste you'll be composting. Ensure the worms are evenly distributed throughout the bedding.
4. Add Organic Waste: Begin adding organic kitchen scraps (fruit and vegetable peels, coffee grounds, eggshells) and other biodegradable materials. Avoid meat, dairy, oily foods, and pet waste.
5. Maintain Moisture: Keep the bedding moist but not soggy. Use a water spray bottle to lightly moisten the bedding as needed. Ensure proper aeration by turning the compost occasionally.

6. **Cover and Maintain Conditions:** Cover the container with a lid or a damp burlap sack to maintain darkness and moisture levels. Maintain an optimal temperature range of 55-77°F (13-25°C) for the worms.

7. **Wait and Monitor:** Allow the worms to process the organic waste. They will consume and break down the materials, turning them into nutrient-rich vermicompost. Monitor the moisture level and add water if it becomes too dry.

8. **Harvest the Vermicompost:** Once the compost is dark and rich, separate the worms from the compost. Move the contents to one side of the bin and add fresh bedding and food to the empty side. The worms will migrate to the new food source, allowing you to harvest the vermicompost from the other side.

9. **Use the Vermicompost:** The harvested vermicompost is now ready for use! It can be added to garden soil, used as a potting mix component, or applied as a natural fertilizer to plants.

Regular maintenance, proper feeding, and monitoring of moisture levels are crucial for successful vermicomposting. Adjustments may be necessary based on environmental conditions and the quantity of waste being processed.

CSTS Government Kalasala, Jangareddigudem

Department of Zoology

Certificate Course on Vermicompost

Syllabus

Theory-10 hours, Practical -30 hrs

Unit-1: Introduction to Vermiculture

1. Vermiculture- definition, meaning, history, economic importance, value in maintenance of soil structure.
2. Role in bio transformation of the residues generated by human activity and production of organic fertilizers.
3. Useful species of Earthworm-Local and exotic species of earthworm.

Unit-2: Vermicomposting

1. Small Scale earthworm farming for home gardens.
2. Conventional Commercial composting- earthworm composting larger scale (Pit, brick and heap systems and slab method).
3. Earthworm farming, extraction(harvest).
4. Enemies of earthworms, sickness and worm's enemies; frequent problems- prevention and fixation.

Unit-3: Applications of Vermiculture

1. Benefits of Vermicompost, Use of Vermicompost in agriculture.
2. Problems in vermicomposting, vermicomposting of dairy waste.

Time Table

S.No	Date	Time	Day Wise Activity
1.	14-09-2023	12 noon	Inauguration of Certificate Course
2.	15-09-2023	5-6 PM	Introduction of Vermiculture
3	16-09-2023	5-6 PM	Vermicomposting- Earthworm farming
4	19-09-2023	5-6 PM	Practical- Preparation for bed- outdoor method
5	20-09-2023	5-6 PM	Adding vegetables and other scab to the bed and water
6	21-09-2023	5-6 PM	Adding earthworms into the bed
7	22-09-2023	5-6 PM	Practical-Monitoring the earthworms, watering etc.,
8	23-09-2023	5-6 PM	Conventional Commercial composting ,Enemies of earthworm and sickness
9	25-09-2023	5-6 PM	Practical-Monitoring the earthworms, watering etc.,
10	26-09-2023	5-6 PM	Practical-Watering, Adding Vegetables and other scraps
11	27-09-2023	5-6 PM	Theory-vermiwash collection, composition and use
12	28-09-2023	5-6 PM	Theory- Applications of vermiculture
13	29-09-2023	5-6 PM	Practical-Monitoring the earthworms, watering etc.,
14	30-09-2023	5-6 PM	Practical-Watering, Adding Vegetables and other scraps
15	03-10-2023	5-6 PM	Practical-Monitoring the earthworms, watering etc.,
16	04-10-2023 to 06-10-2023	5-6 PM	Practical-Monitoring the earthworms, watering etc.,
17	07-10-2023	5-6 PM	Practical-Watering, Adding Vegetables and other scraps
18	09-10-2023 to 12-10-2023	5-6 PM	Practical-Monitoring the earthworms, watering etc.,
19	13-10-2023	5-6 PM	Practical-Watering, Adding Vegetables and other scraps
20	16-10-2023 to 20-10-2023	5-6 PM	Practical-Monitoring the earthworms, watering etc.,
21	21-10-2023	5-6 PM	Practical-Watering, Adding Vegetables and other scraps
22	26-10-2023	5-6 PM	Practical-Monitoring the earthworms, watering etc.,
23	27-10-2023 to 31-10-2023	5-6 PM	Practical-Watering, Adding Vegetables and other scraps
23	01-11-2023	5-6 PM	Practical-Monitoring the earthworms, watering etc.,
24	02-11-2023	5-6 PM	Practical-Monitoring the earthworms, watering

26	03-11-2023 & 04-11-2023	5-6 PM	Practical-Watering, Adding Vegetables and other scraps
27	06-11-2023	2-3PM	Theory- Different methods of Vermiculture Videos shown
28	07-11-2023	5-6 PM	Practical-Monitoring the earthworms, watering
29	08-11-2023	2-3 PM	Test on Certificate course
30	09-11-2023	3-5 PM	Harvesting-2 and feedback collection Closing Ceremony of certificate course. Issue of Certificate to students

Registration Form

Link For Registration : <https://forms.gle/sQmXPXeNs69zRcHS8>

The screenshot shows a Google Forms interface for a registration form. The browser address bar displays the URL: https://docs.google.com/forms/d/1ZY9bQrl6ZfIGISQD7A_ZNW5fvKpUHYWhayqNKX40/edit. The form title is "Registration for Certificate course on Vermicompost" and the subtitle is "Certificate Course on Vermicompost at CSTS Government Kalasala, Jangareddigudem". The form contains three short answer text input fields: "Name of the Student", "Class", and "Mobile Number". A "Send" button is visible in the top right corner of the form interface.

List of Students selected from Registration

Department of Zoology				
Certificate course on Vermicompost				
S.No	Name of the Student	Class	Mobile Number	E-mail
1	Sk. Karishma	III BSc(BZC)	7997863691	sheikrafi030@gmail.com
2	Karuturi John	III BSc(BZC)	8008658405	Sudheerjohn3@gmail.com
3	M.Durga Varaprasad	III BSc(BZC)	8179915728	pessi9475@gmail.com
4	M.Suryaprakash	III BSc(BZC)	8008235717	mandotisuryaprakash@gmail.com
5	Kalagara jayasri	II BSc(BZC)	8247726606	jayasrichowdary469@gmail.com
6	Yadlapalli sivaji	II BSc(BZC)	9948213930	Yadlapallisivaji143@gmail.com
7	Balaga Dilleswari	II BSc(BZC)	9177239171	bdilleswarib9@gmail.com
8	Kommu anvesh	II BSc(BZC)	8919734789	kommuanvesh@gmail.com
9	M.Durga Devi	II BSc(BZC)	91213 72557	devidurga0200@gmail.com
10	G.Anusha	II BSc(BZC)	8639681977	gundaanusha@gmail.com
11	K. Hema	II BSc(BZC)	6303229871	Hemakoppula123@gmail.com
12	Chette. Glory	II BSc(BZC)	9392780603	Chetteglory143@gmail.com
13	Battu. Lakshmi Padmaja	II BSc(BZC)	8919847003	paddubattu246@gmail.com
14	G. Lakshmi Annapurna	II BSc(BZC)	6303624217	purnaa966@gmail.com
15	G.Sri Harsha Vardhini	II BSc(BZC)	9542250427	guruvindalakshmi@gmail.com
16	Karam. Chilakamma	II BSc(BZC)	7993722869	karamchitti 089@Gmail.com
17	Kanithi. Ramya	II BSc(BZC)	9014707848	kanithiganesh143@gmail.com
18	Punem. Venu	II BSc(BZC)	9063941590	phoneyphonny@gmail.com
19	R.Omkara Bharathi	II BSc(BZC)	9490204116	romkarabharathi@gmail.com
20	Prathipati. Sowmya	II BSc(BZC)	9177664525	Prathipati.sowmya57@gmail.com

Inauguration of Certificate Course

On

VERMICOMPOST

14-09-2023

Organizers

Department of Zoology

Resource Person

1. K. Durga Prasad

2. B. K. Viswanadh

Venue

ZOOLOGY LAB

CSTS Government kalasala, Jangareddigudem

Time: 12 noon

14-09-2023

The Department of Zoology of CSTS Government Kalasala, Jangareddigudem has started a certificate course on “Vermi Compost for III Year students of CSTS Government Kalasala, Jangareddigudem from September 14th, 2023. Dr. N. Prasad Babu, the principal of the college, presided over the program, while K. Durgaprasad and B.K. Viswanath are the resource persons. B.K.Viswanath spoke about the benefits of vermicompost in agriculture and how vermi wash helps in improving crop yields. K.Durga Prasad gave detail lecture on the preparation of Vermicompost and vermi wash. Dr.N.Prasad Babu highlighted that this certificate course not only equips students with knowledge but also empowers them to utilize "Mudra Loans" and pursue self-employment opportunities. During the program, R. Vijaya Deepika, faculty from the Zoology Department, emphasized the practical utility of this certificate course in benefiting both students and the community by teaching them how to prepare vermicompost and vermi wash. M. Madhu, CH. Badri Narayana, T. Jhansi Rani, and students participated in the Program.





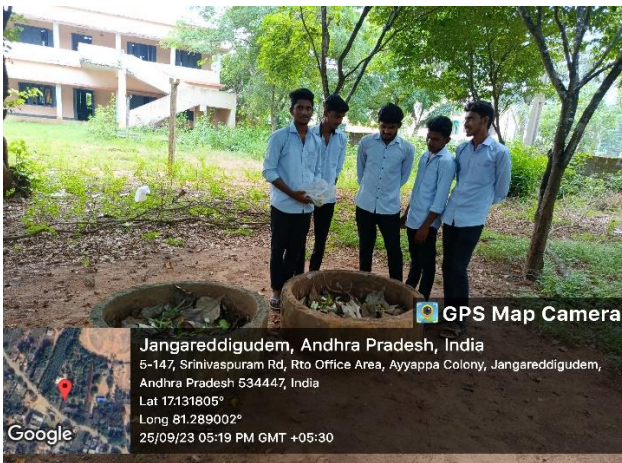
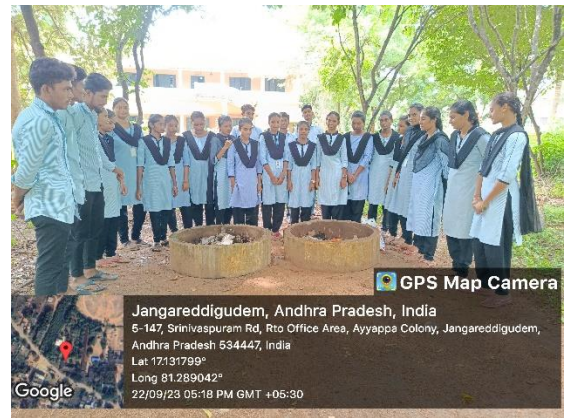
Day-2 to 3



Day- 4 Preparation of Bed for vermis



Day -5 to 43





CSTS Government Kalasala, Jangareddigudem

Department of Zoology

Certificate Course on Vermicompost

Attendance Sheet

S.No	Name of the Student	3/11	4/11	6/11	7/11	8/11	9/11	Signature of the Student
1	Sk. Karishma	P	P	P	P	P	P	Sk. Karishma
2	Karuturi John	P	P	P	P	P	P	K. John
3	M.Durga Varaprasad	P	P	P	P	P	P	M. D. V. Prasad
4	M.Suryaprakash	P	P	P	P	P	P	M. SuryaPrakash
5	Kalagara jayasri	P	P	P	P	P	P	K. Jayasri
6	Yadlapalli sivaji	P	P	P	P	P	P	Y. Shivaji
7	Balaga Dilleswari	P	P	P	P	P	P	B. Dilleswari
8	Kommu anvesh	P	P	P	P	P	P	K. Anvesh
9	M.Durga Devi	P	P	P	P	P	P	M. Durga Devi.
10	G.Anusha	P	P	P	P	P	P	G. Anusha
11	K. Hema	P	P	P	P	P	P	K. Hema
12	Ch. Glory	P	P	P	P	P	P	Ch. Glory
13	B. Lakshmi Padmaja	P	P	P	P	P	P	B. Lakshmi Padmaja
14	G. Lakshmi Annapurna	P	P	P	P	P	P	G. L. Annapurna.
15	G.Sri Harsha Vardhini	P	P	P	P	P	P	G. Sri Harsha Vardhini
16	Karam. Chilakamma	P	P	P	P	P	P	K. Chilakamma
17	Kanithi. Ramya	P	P	P	P	P	P	K. Ramya.
18	Punem. Venu	P	P	P	P	P	P	P. Venu
19	R. Omkara Bharathi	P	P	P	P	P	P	R. O. Bharathi
20	P. Sowmya	P	P	P	P	P	P	P. Sowmya.
	Signature of the Lecturer	✓	✓	✓	✓	✓	✓	

Day 44

08-11-2023

CSTS Government Kalasala, Jangareddigudem

Department of Zoology- Certificate Course

Test on Vermicompost

1. What is the primary raw material used in vermicomposting?
 - a) Kitchen scraps
 - b) Plastic waste
 - c) Glass bottle
 - d) Paper towels
2. Which type of worms are commonly used in vermicomposting?
 - a) Earthworms
 - b) Millipedes
 - c) Centipedes
 - d) Snails
3. What is the ideal temperature range for vermicomposting?
 - a) 0-10°C
 - b) 20-30°C
 - c) 40-50°C
 - d) 60-70°C
4. What should be the moisture content in a vermicomposting bin?
 - a) 10-20%
 - b) 30-40%
 - c) 50-60%
 - d) 70-80%
5. Which bedding material is commonly used for worms in vermicomposting?
 - a) Sand
 - b) Gravel
 - c) Cardboard
 - d) Plastic sheets
6. What is the key nutrient-rich byproduct obtained from vermicomposting?
 - a) Pesticides
 - b) Herbicides
 - c) Vermicast
 - d) Fertilizers
7. What is the process of breaking down organic materials by worms called?
 - a) Decomposition
 - b) Fermentation
 - c) Transmutation
 - d) Crystallization
8. What type of waste should be avoided in a vermicomposting system?
 - a) Fruit peels
 - b) Dairy products
 - c) Coffee grounds
 - d) Vegetable scraps

9. What should be the pH level of the vermicomposting environment?

- a) Highly acidic
- b) Slightly acidic to neutral
- c) Highly alkaline
- d) Extremely alkaline

10. Which of these factors can negatively impact vermicomposting?

- a) Regular turning of the compost
- b) Overfeeding the worms
- c) Keeping the bin in direct sunlight
- d) Maintaining high moisture levels

11. How often should vermicomposting bins be aerated?

- a) Once a week
- b) Every other day
- c) Daily
- d) Monthly

12. What is the duration required for vermicomposting to produce usable compost?

- a) 1-2 weeks
- b) 1-2 months
- c) 3-4 months
- d) 6-8 months

13. What role do microorganisms play in vermicomposting?

- a) Breaking down organic matter
- b) Feeding the worms
- c) Regulating temperature
- d) Controlling moisture levels

14. Which of the following is a benefit of using vermicompost in gardening?

- a) Increased soil compaction
- b) Reduced soil fertility
- c) Improved soil structure
- d) Accelerated weed growth

15. What can be added to a vermicomposting system to control odors?

- a) Fresh food waste
- b) Dry leaves or paper
- c) Dairy products
- d) Meat scraps

Result analysis

S.NO	Name of the Student	Class	Marks Obtained
1	Sk. Karishma	III BSc(BZC)	15/15
2	Karuturi John	III BSc(BZC)	15/15
3	M.Durga Varaprasad	III BSc(BZC)	15/15
4	M.Suryaprakash	III BSc(BZC)	14/15
5	Kalagara jayasri	II BSc(BZC)	11/15
6	Yadlapalli sivaji	II BSc(BZC)	10/15
7	Balaga Dilleswari	II BSc(BZC)	12/15
8	Kommu anvesh	II BSc(BZC)	14/15
9	M.Durga Devi	II BSc(BZC)	12/15
10	G.Anusha	II BSc(BZC)	12/15
11	K. Hema	II BSc(BZC)	13/15
12	Ch. Glory	II BSc(BZC)	12/15
13	B. Lakshmi Padmaja	II BSc(BZC)	15/15
14	G. Lakshmi Annapurna	II BSc(BZC)	14/15
15	G.Sri Harsha Vardhini	II BSc(BZC)	10/15
16	Karam. Chilakamma	II BSc(BZC)	14/15
17	Kanithi. Ramya	II BSc(BZC)	11/15
18	Punem. Venu	II BSc(BZC)	12/15
19	K .Sai Shireesha	II BSc(BZC)	13/15
20	P. Sowmya	II BSc(BZC)	10/15

Day 45

09-11-2023

Feed Back on Certificate Course on Vermicompost

1. What drives your interest in pursuing this certificate course?
 - a) Career advancement opportunities
 - b) Personal passion for the subject
 - c) Requirement for current job role
 - d) Seeking skill development
2. How would you describe your experience level in this field?
 - a) Novice
 - b) Intermediate
 - c) Proficient
 - d) Expert
3. Can you commit to dedicating the necessary hours per week for this course?
 - a) Yes
 - b) No
- 4 How comfortable are you with giving and receiving feedback during the course?
 - a) Very comfortable
 - b) Moderately comfortable
 - c) Not very comfortable
 - d) Uncomfortable
5. How closely does this course align with your career aspirations?
 - a) Extremely aligned
 - b) Somewhat aligned
 - c) Neutral
 - d) Not aligned at all
6. How important is interaction with instructors and peers for your learning experience?
 - a) Extremely important
 - b) Moderately important
 - c) Not very important
 - d) Not important at all
7. How clear are you about your goals after completing this course?
 - a) Very clear
 - b) Fairly clear
 - c) Somewhat unclear
 - d) Completely unclear
8. How likely are you to complete this course?
 - a) Very likely
 - b) Likely, with effort
 - c) Unsure
 - d) Unlikely

09-11-2023

Harvesting of Vermicompost





Chatrapathi Sivaji Tri Satajayanthi (CSTS)

Government Kalasala

Enter to Learn -Leave to Serve

Jangareddigudem, W.G.Dt. A.P.



CERTIFICATE OF PARTICIPATION

This is to Certify that M.Varaprasad, III BZC
has participated in Certificate course on **Vermicompost** organized by
the Department of Zoology, CSTS Government Kalasala, Jangareddigudem
duration of the course 14.09.2023 to 09.12.2023


Lecturer in Zoology


Principal



Chatrapathi Sivaji Tri Satajayanthi (CSTS)

Government Kalasala

Enter to Learn -Leave to Serve

Jangareddigudem, W.G.Dt. A.P.



CERTIFICATE OF PARTICIPATION

This is to Certify that Y.Sivaji, II BZC
has participated in Certificate course on **Vermicompost** organized by
the Department of Zoology, CSTS Government Kalasala, Jangareddigudem
duration of the course 14.09.2023 to 09.12.2023


Lecturer in Zoology


Principal



Newspaper clippings on Inauguration of Certificate Course On Vermicompost

వర్మీ కంపోస్ట్ సేంద్రియ వ్యవసాయానికి చాలా ఉపయోగకరం.

ప్రిన్సిపాల్ డాక్టర్ ఎన్ ప్రసాద్ బాబు.



జంగారెడ్డిగూడెం సెప్టెంబర్ 15 (గోదావరి విలేఖరి) ఏలూరు జిల్లా జంగారెడ్డిగూడెం చత్రపతి శివాజీ త్రిశత జయంతి కళాశాల యందు జవాలజీ విభాగం ఆధ్వర్యంలో పైసల్ ఇయర్ చదువుతున్న విద్యార్థిని విద్యార్థులకు “వర్మీ కంపోస్ట్ మరియు వర్మీ వాష్” అనే అంశం మీద సర్టిఫికేట్ కోర్స్ ప్రారంభించడం జరిగింది. ఈ కార్యక్రమానికి కళాశాల ప్రిన్సిపల్ డాక్టర్. ఎన్. ప్రసాద్ బాబు అధ్యక్షత వహించారు. ఈ కార్యక్రమానికి కే. దుర్గాప్రసాద్ మరియు బి.కే. విశ్వనాథ్ రిసోర్స్ పర్సన్ గా వ్యవహరించారు. రిసోర్స్ పర్సన్ కే. దుర్గాప్రసాద్ మాట్లాడుతూ వర్మీ కంపోస్ట్ సేంద్రియ వ్యవసాయానికి చాలా ఉపయోగకరంగా ఉంటుందని మరియు వర్మీ వాష్ వాడడం వల్ల మొక్కల్లో పూత రాలిపోకుండా ఉంటుందని అధిక పంట దిగుబడి వస్తుందని వివరించారు. అనంతరం రిసోర్స్ పర్సన్ బి. కే. విశ్వనాథ్ మాట్లాడుతూ వర్మీ కంపోస్ట్ ఉపయోగం గురించి మరియు వర్మీస్ నేలను సారవంతంగా మారుస్తుందని మాట్లాడారు. ఈ కార్యక్రమంలో కళాశాల ప్రిన్సిపల్ డాక్టర్. ఎన్. ప్రసాద్ బాబు మాట్లాడుతూ కళాశాలలో నిర్వహించే సర్టిఫికేట్ కోర్సులను విద్యార్థిని విద్యార్థులు ఉపయోగించుకోవాలని అలాగే ఈ సర్టిఫికేట్ కోర్సు ద్వారా “ముద్ర లోస్” తీసుకోవడానికి మరియు స్వయం ఉపాధి కోసం కూడా ఉపయోగపడుతుందని మాట్లాడారు. కార్యక్రమంలో జవాలజీ విభాగం అధ్యాపకురాలు ఆర్. విజయ దీపిక మాట్లాడుతూ ఈ సర్టిఫికేట్ కోర్స్ విద్యార్థిని విద్యార్థులకు ఉపయోగకరంగా ఉంటుందని, వర్మీ కంపోస్ట్ తో పాటు వర్మీ వాష్ తయారీ కూడా నేర్చుకుంటారని మాట్లాడారు. ఈ కార్యక్రమంలో అధ్యాపకులు ఎం. మధు, సిహెచ్. బద్రి నారాయణ ,టి. రూప్సీ రాణి ,మరియు విద్యార్థిని విద్యార్థులు, పాల్గొన్నారు.

జిల్లా గౌరీ పేట లో ఎన్ఎస్ 13 కారు కారం స్పాన్ వర్షు హన్ మగా స్పాన్ యుం జిల్లా గౌరీ పేట లో ఎన్ఎస్ 13 కారు కారం స్పాన్ వర్షు హన్ మగా స్పాన్ యుం

వర్మీ కంపోస్ట్ సేంద్రియ వ్యవసాయానికి చాలా ఉపయోగకరం



జంగారెడ్డిగూడెం , సెప్టెంబర్ 14, పబ్లికేషన్ ప్రతినిధి

స్థానిక చిత్రపతి శివాజీ త్రిశత జయంతి కళాశాల యందు జువాలజీ విభాగం అధ్యక్షులలో ఫైనల్ ఇయర్ చదువుతున్న విద్యార్థిని విద్యార్థులకు 14న “వర్మీ

కంపోస్ట్ మరియు వర్మీ వాష్” అనే అంశం మీద సర్టిఫికేట్ కోర్స్ ప్రారంభించడం జరిగింది. ఈ కార్యక్రమానికి కళాశాల ప్రిన్సిపల్ డాక్టర్. ఎన్. ప్రసాద్ బాబు అధ్యక్షత వహించారు. ఈ కార్యక్రమానికి కే. దుర్గాప్రసాద్ మరియు బి.కే. విశ్వనాథ్ రిసోర్స్ వర్కస్ గా వ్యవహరించారు. రిసోర్స్ వర్కస్ కే. దుర్గాప్రసాద్ మాట్లాడుతూ వర్మీ కంపోస్ట్ సేంద్రియ వ్యవసాయానికి చాలా ఉపయోగకరంగా ఉంటుందని మరియు వర్మీ వాష్ వాడడం వల్ల మొక్కల్లో పూత రానిపోకుండా ఉంటుందని అధిక పంట దిగుబడి వస్తుందని వివరించారు. మరియు రిసోర్స్ వర్కస్ బి. కే. విశ్వనాథ్ మాట్లాడుతూ వర్మీ కంపోస్ట్ ఉపయోగం గురించి మరియు వర్మీ నేలను సారవంతంగా మారుస్తుందని మాట్లాడారు. ఈ కార్యక్రమంలో కళాశాల ప్రిన్సిపల్ డాక్టర్. ఎన్. ప్రసాద్ బాబు మాట్లాడుతూ కళాశాలలో నిర్వహించే సర్టిఫికేట్ కోర్సులను విద్యార్థిని విద్యార్థులు ఉపయోగించుకోవాలని అలాగే ఈ సర్టిఫికేట్ కోర్సు ద్వారా “ముద్ర లోస్ట్” తీసుకోవడానికి మరియు స్వయం ఉపాధి కోసం కూడా ఉపయోగపడుతుందని మాట్లాడారు. కార్యక్రమంలో జువాలజీ విభాగం అధ్యాపకురాలు ఆర్. విజయ దీపిక మాట్లాడుతూ ఈ సర్టిఫికేట్ కోర్స్ విద్యార్థిని విద్యార్థులకు ఉపయోగకరంగా ఉంటుందని, వర్మీ కంపోస్ట్ తో పాటు వర్మీ వాష్ తయారీ కూడా నేర్చుకుంటారని మాట్లాడారు. ఈ కార్యక్రమంలో అధ్యాపకులు ఎం. మధు, సిహెచ్. బద్రి నారాయణ , డి. రూప్సి రాణి విద్యార్థిని విద్యార్థులు, పాల్గొన్నారు.

సర్టిఫికేట్ కోర్సులు ప్రారంభం

జంగారెడ్డిగూడెం, న్యూస్టుడే: జంగారెడ్డిగూడెం ప్రభుత్వ డిగ్రీ కళాశాలలో చివరి ఏడాది ఫైనల్ విద్యార్థులకు వర్మీ కంపోస్టు, వర్మీ వాష్లపై సర్టిఫికేట్ కోర్సులను గురువారం ప్రారంభించినట్లు ప్రిన్సిపల్ డాక్టర్ ప్రసాద్ బాబు తెలిపారు. ఈ సందర్భంగా విద్యార్థులకు అవగాహన సదస్సు నిర్వహించారు.

స్వచ్ఛందంగా గోతులు పూడ్చివేత

జంగారెడ్డిగూడెం, న్యూస్టుడే: పట్టణంలోని బుట్టాయగూడెం రోడ్డులో పొట్టి శ్రీరాములు విగ్రహం కూడలిలోని గోతులను కేఆర్బీ ఆటో యూనియన్ ఆధ్వర్యంలో అక్కడి డ్రైవర్లు గురువారం స్వచ్ఛందంగా పూడ్చారు. యూనియన్ అధ్యక్షుడు గోపాలకృష్ణ పాల్గొన్నారు.



జిల్లా ఇద్దరు లతో ఆ చివ పట్టణ సమోల మేరకు (72) పత్రికి చెప్పడ తుకు రైలున వారం