






## Report on a Workshop on "Organic Manure Production Techniques"

Conducted by Dept. of Rural Technology, Dept. of Forestry, Wildlife & Environmental Sciences and Skill Development Cell, GGV, Bilaspur

Date of Event : December 15<sup>th</sup>, 2023

Venue : Department of Forestry, Wildlife & Environmental Sciences

**GURU GHASIDAS VISHWAVIDYALAYA**  
Bilaspur-495009, Chhattisgarh



Prof. Alok Kumar Chakrawal  
Hon'ble Vice Chancellor  
G.G.V., Bilaspur (C.G.)

**Department of Forestry, Wildlife & Environmental Science & Skill Development Cell**

A Workshop on

**"Organic Manure Production Techniques"**

**Date : 15th December 2023**

**Venue : Department of Forestry, Wildlife & Environmental Science**

Dean  
Prof. S.C. Tiwari  
SoS, Natural Resources

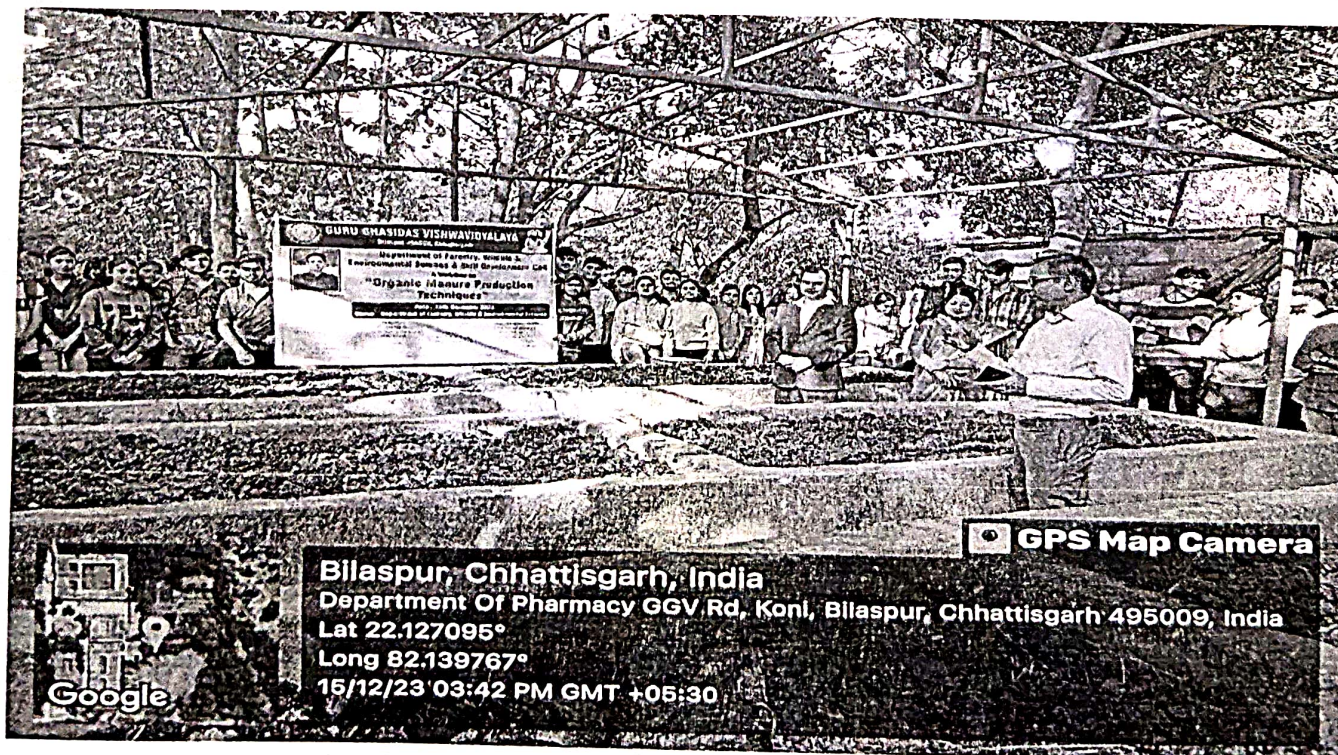
Dean  
Prof. R. Mehta  
SoS, IER

Nodal Officer  
Dr. Rohit Raja  
Skill Development Cell  
GGV, Bilaspur

Head  
Prof. K.K. Chandra  
Dept. of Forestry

Convener  
Prof. P.R. Singh  
Dept. of Rural Tech.

Organizing Secretaries  
Dr. Dilip Kumar  
Dept. of Rural Tech.  
Dr. Bhavna Dixit  
Dr. Ajay Singh  
Dr. Chowhani Manpoong  
Dept. of Forestry



 **GPS Map Camera**

Bilaspur, Chhattisgarh, India  
Department Of Pharmacy GGV Rd, Koni, Bilaspur, Chhattisgarh 495009, India  
Lat 22.127095°  
Long 82.139767°  
15/12/23 03:42 PM GMT +05:30







### Details of Event Proceedings

Date (DD-MM-YYYY)	Details of the Session	Details of Resource Person	Number of Participants
15-12-2023	<u>Organic Manure Production Techniques</u>	Dean Professor Natural resources S.C.TIWARI,	78
		Dean Professor R.Mehta,	
		Nodal Officer Dr.Rohit Raja,	
		Professor K.K. Chandra,	
		Convener Professor P.R.Singh,	
		Organizing Secretaries Dr. Dilip Kumar, Dr. Bhavna Dixit, Dr. Ajay Singh and Dr. Chowhani Manpoong	

### *A Brief Abstract of the Event (Maximum 500 Words):*

Dr. Dilip Kumar conducted this workshop very successfully. In this program other faculty had made a crucial role to completion this program. He told the children about the technique of biogas waste management through vermicompost in a simple manner. In this entire episode, the students understood about the various stages in detail. This entire program was divided into two phases. First phase of the program In the theoretical mode they were explained in detail about the biogas waste management through vermicompost. In the second phase, practical methods were learned. Those processes were taught through practical so that the students could understand the methods in detail. In this program total 78 participant had involved. Dr Dilip Kumar explained in detail about NADEB composting. Making compost was taught in NADEB by using dry leaves, wet leaves, cow dung, cow manure, soil, vegetables waste, kitchen waste. Students acquire knowledge about organic manor techniques in the form of skills





Department of Forestry 78 students participated in this entire program to showcase the manure production technique as a skill. They learned organic manual production technique as a skill. Dean professor natural resources S.C.TIWARI, Dean Professor R.Mehta, Nodal officer Dr.Rohit Raja, Professor K.K. Chandra, Convener Professor P.R.Singh, Organizing secretaries Dr. Dilip Kumar, Dr. Bhavna Dixit, Dr. Ajay Singh and Dr. Chowlani Manpoong were part of this whole program. Dr Dilip Kumar explained in detail about NADEB composting. Making compost was taught in NADEB by using dry leaves, wet leaves, cow dung, cow manure, soil, vegetables waste, kitchen waste.

They learned the entire program with interest and admitted that he would use it as a source of employment in the future. Students were very excited to be separated from the classroom world into a practical form and they also took part in it with great enthusiasm.

**\*\*Title: Workshop Report on 'Organic Manure Production Techniques'\*\***

**\*\*Introduction:\*\***

On 15/12/2023, a workshop on 'Organic Manure Production Techniques' was conducted at Department of Forestry, Wildlife & Environmental Sciences. The workshop aimed to educate participants about sustainable agriculture practices, specifically focusing on the production of organic manure. This report summarizes the key discussions, presentations, and outcomes of the workshop.

**\*\*Objectives:\*\***

1. To familiarize participants with the importance of organic manure in sustainable agriculture
2. To introduce participants to various techniques and methods for producing organic manure.
3. To provide practical demonstrations and hands-on training in organic manure production.
4. To promote the adoption of organic farming practices for soil health and environmental sustainability.

**\*\*Workshop Content:\*\***

**1. \*\*Introduction to Organic Farming:\*\***

- An overview of organic farming principles, emphasizing the benefits of reducing reliance on synthetic fertilizers and pesticides.
- Discussion on the importance of organic manure in enhancing soil fertility, improving crop yield, and minimizing environmental pollution.





## 2. **\*\*Types of Organic Manure:\*\***

- Presentation on different types of organic manures, including compost, vermicompost, green manure, and farmyard manure.
- Explanation of the nutrient content, decomposition process, and application methods for each type of organic manure.

## 3. **\*\*Composting Techniques:\*\***

- Detailed discussion on composting methods, such as aerobic and anaerobic composting, and their advantages and limitations.
- Practical demonstration of compost pile construction, layering techniques, and monitoring parameters for optimal composting.

## 4. **\*\*Vermicomposting Process:\*\***

- Introduction to vermicomposting as a method of converting organic waste into nutrient-rich vermicompost using earthworms.
- Hands-on training in setting up vermicomposting bins, selecting suitable earthworm species, and maintaining optimal environmental conditions.

## 5. **\*\*Green Manure and Cover Crops:\*\***

- Overview of green manure crops and cover crops, their role in soil improvement, weed suppression, and erosion control.
- Guidance on selecting and incorporating suitable green manure crops into crop rotation systems for maximum benefit.

## 6. **\*\*Farmyard Manure Production:\*\***

- Presentation on farmyard manure production techniques, including pit composting, heap composting, and compost tea preparation.
- Practical demonstration of farmyard manure preparation, turning, and curing processes for effective nutrient recycling.

## 7. **\*\*Case Studies and Success Stories:\*\***

- Sharing of case studies and success stories from farmers who have successfully adopted organic manure production techniques.
- Insights into the economic, environmental, and agronomic benefits experienced by farmers practicing organic farming methods.

## **\*\*Conclusion:\*\***

The workshop on 'Organic Manure Production Techniques' provided participants with valuable knowledge and practical skills essential for transitioning to sustainable agriculture practices. By promoting the production and use of organic manure, the workshop aimed to contribute to soil health improvement, biodiversity conservation, and climate resilience in agriculture.





**\*\*Recommendations for Future Action:\*\***

1. Encourage participants to implement the organic manure production techniques learned during the workshop in their farming operations.
2. Organize follow-up sessions or field visits to monitor and support participants in adopting organic farming practices.
3. Conduct similar workshops and training programs to reach a wider audience and promote the adoption of sustainable agriculture practices at the grassroots level.

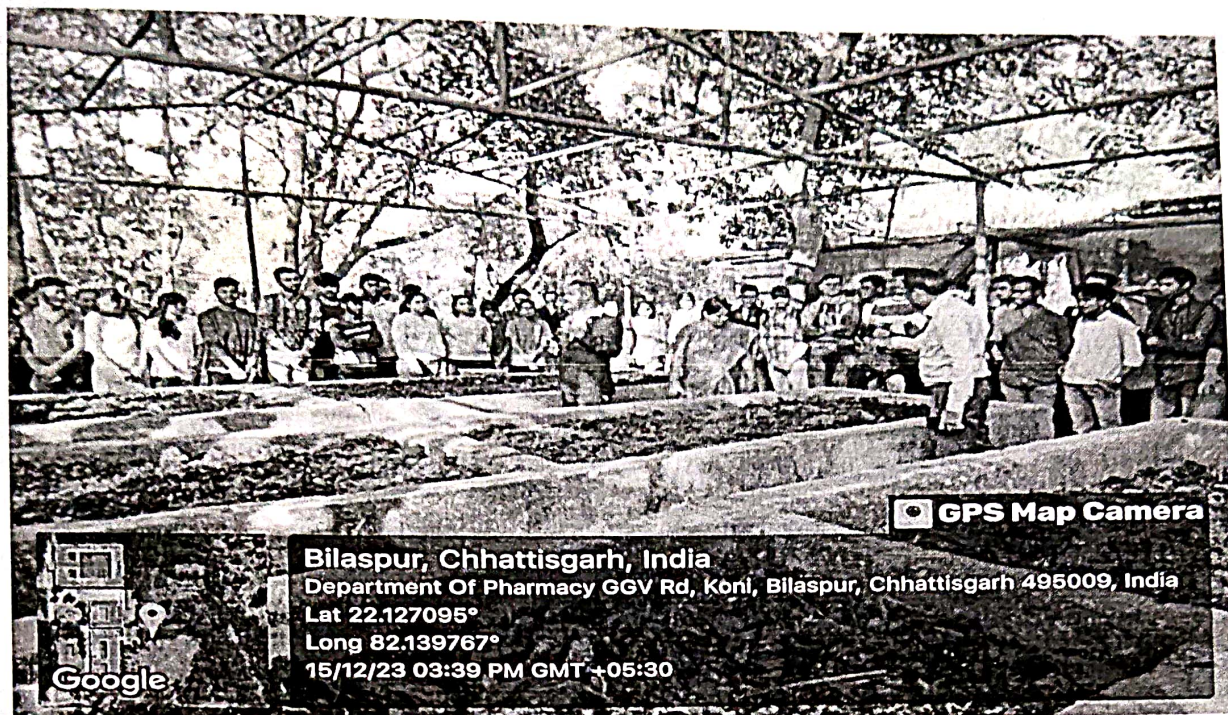




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