

MUGBERIA GANGADHAR MAHAVIDYALAYA

P.O. -- BHUPATINAGAR, Dist. -- PURBA MEDINIPUR, PIN. -- 721425, WEST BENGAL, INDIA NAAC Re-Accredited B Level Govt. aided College CPE (Under UGC XII Plan) & NCTE Approved Institutions DBT Star College Scheme Award Recipient

E-mail : mugberia_college@rediffmail.com // www.mugberiagangadharmahavidyalaya.org

Ref. No.—M.G.M. / / / From—The Principal / Secretary, Date.....

Report

On

Skill Development Certificate Course

On

"Use Of Vermicompost in Agriculture (Carrier Oriented Programmed)"

Course period: 21th April 2021, -10th January, 2022



Organized by:

The Department of Nutrition (UG)

Mugberia Gangadhar Mahavidyalaya

ACCREDITED BY NAAC WITH GRADE B+

Affiliated

to

· · · VidyasagarUniversity

Bhupatinagar, Purba Medinipur -7214 25

Dept. of Nutrition Mugberia Gangadhar Mahavidyalaya

14.

A short meeting was arranged at 3pm regarding the implementation of certificate course on "Use Of Vermicomposting in Agriculture (Carrier Oriented Programmed)"

In our Department.

Decision taken in the meetings:

- (1) It is decided that Dr.Bidhan Samanta, HOD, Dept of Chemistry will be course director of this course.
- (2) It is decided that Ms. Moumita Samanta, SACT, Dept of Nutrition will be coordinator of this course.
- 3. The course period will be scheduled from 21th April 2021, -10th January, 2022 in every week.

It is decided that the course will be delivered by lecture, interaction and doubt clearance along with an examination on topic related to "Use Of Vermicomposting in Agriculture (Carrier Oriented **Programmed)**"Organized by Dept. of Nutrition. Course is conduct for UG-4th sem. Course access fee for the student is decided as **Rs. 200/-**.HOD will forward the matter for approval of this course from Academic Sub-committee.

Teachers are requested to prepare routine for smooth running go course.

The meeting comes to end with a vote of thanks.



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NOTICE

All the students of Dept of Nutrition are hereby informed that our college is organizing Certificate Course on A UGC approved skill development certificate course on "Use Of Vermicomposting in Agriculture (Carrier Oriented Programmed)" from 21th April 2021, -10th January, 2022 through offline mode. The course will be delivered by lecture; Vermicompost helps in improving soil texture, aeration and increases water retention capacity. Vermicompost acts as a soil conditioner and improves the biological, physical and chemical properties of the soil. Admission for the aforementioned course is started. The course will be conduct for UG 4th Sem. Course access fee for the student is decided as Rs.200/- Interested candidates are informed to enroll with Moumita Samanta Programmed In-charge of "Use Of Vermicomposting in Agriculture (Carrier Oriented Programmed)"

10.04.2021 Principal,

Dr. Swapan Kumar Misra

Mugberia Gangadhar Mahavidyalaya

Certificate Course

On

"Use Of Vermicomposting in Agriculture (Carrier Oriented Programmed)"

Course period: 21th April 2021, -10th January 2022,

Course Director:

i. Dr. Dr.Bidhan Samanta, HOD, Dept of Chemistry

Course Coordinators:

1) Ms. Moumita Samanta SACT, Dept.ofNutrition Mugberia Gangadhar Mahavidyalaya.

Course Duration: 30 hrs

Delivery Mode:Offline

CERTIFICATEOFPARTICIPATION:

The participants will be provided Certificates on successful completion of the course.

It is mandating for all participant stoattendall the classes.

REGISTRATION FEE: Rs.200.00 (Fifty rupeesOnly)

VENUE: Department of Nutrition (UG), Mugberia Gangadhar Mahavidyalaya.

Course specific outcome: Improves the physical structure of the soil. Vermicomposting increases the fertility and water-resistance of the soil. Helps in germination, plant growth, and crop yield. Nurtures soil with plant growth hormones such as auxins, gibberellic acid.

Curriculum approved by: Departmental Committee & academic sub-committee, Mugberia Gangadhar Mahavidyalaya.

"Use Of Vermicomposting in Agriculture (Carrier Oriented Programmed)"

Syllabus for Certificate Course (6 months)

On

"Uses of Vermi Compost in Agriculture" (Build Hour Career Save your Country)

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INTRODUCTION

Since the inception of agriculture to the mid of 1960s, the agriculture process used by the Indian farmers in this subcontinent has been recognized by the Government of India. The agricultural process is organic agricultural process, now criticizes of mainstream agriculture regarding the increasing use of chemical fertilizers and pesticides.

During 1960s Green Revolution has been started in Indian agriculture with the objectives of intensive use of High Yielding Variety if seeds (HYVS), chemical fertilizers, pesticides and more water based farming technologies accelerated by the government, researchers and expens and gave bumper increase in agriculture production in the initial age. No doubt it elevated agricultural development dramatically and the outcome exhibited manifold increase in production and productivity. But the excessive use of chemical fertilizers, more water and pesticides, the cruel side of story has been evolved. It could be felt very clearly that the results of the green revolution can not be assured in the long run.

(21)

Chemicals are accumulated gradually inside the soil and deterionae its health. Agricultural scientist, planners and agriculture economist are worried about the slow growth rate of agricultural production in recent years. To meet the global challenges of feeding ever escalating human population, conserving the environment and reducing povery, it is necessary to increase the yield of crops per unit area per unit time without

hampering the ecological balance. Excessive use of chemical fertilizers in agricultural land causes large number of environmental problems. When it is applied inadequate, rates of productivity and quality are cause significant losses. In this background, use of organic manuer such as vernicompost may improve quality of agricultural products. Vernicomposting is the process of producing compost through the action earthworm. It is an ecobiotechnological process that transforms energy-rich and complex organic substances into stabilized humus-like product vernicomposts. Preparation of vernicompost is an efficient as well as easily adoptable technique of compost preparation. This composting technique can not only decompose a buge amount of organic waste but also help to maintain higher nutrient status in composted materials.

Vernicomposting technology using earthworms as versatile natural bioreactors for effective recycling of organic wastes to the soil, is and environmentally acceptable means of converting waste into nutrious compost for erop production. Moreover, by processing of garbage, this technology converts the problem into a resource and provides good manue which can be enhanced quality of the soil.

In view of the above, an approach has been made in the proposed experimentally to entirely supplement the chemical fertilizer with the use of vermicompost for improving the productivity of crop.

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	Period	Marks
1. Venni culture Agriculture		
a) Project Planning	25	50
b) Farming System		
c) Multipurpose shem		
d) Organic farming		
2. Raw materials for vermi compost characteristi	c 25	30
3. Process of vermi compost preparation	15	. 40
4 Particulars of Earthworm life-History etc.	15	30
* Field Practical for identification by field work	20	100
N.B 100 period Including theory & Practical		
2nd, Term Exam for 3 months		
	Marks	
Period	100	
Marks	100	130
Syllabus - The syllabus is subject to change from tin		and flamilit
(Vermiculture) according to requirement.	ie to unic t	and fickios
	Period	Marks
8. Vermi House and pit prepared	25	50
9. Utilization of vermi compost	25	50
10. Business process	10	20
11. Awareness for students about vermi comp	20	30
12. Save the soil save the life	20	50
13. Green house system for better production	20	100
N.B 100 periods including theory and Practical	20	100
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incory and Practica		
and Practica		
ucty and Practica		

(26)

Tate are	part A:- Agricultural Science 1) Land – Return of the Native Save Mother and Rural environment for Social work, Career building etc.
nt in is ut	 A predict Planning, Soil management, classification of soil Farming System, Planning etc. Multipurpose Shem or Project Plantation, C, C Organic farming, and fertilizer system. Sectors
es le, lis	2.5) Seed freatment by vermi wash or by Organic medicine.2.6) Plant Pathology.
ve	2.7) ANTOMOLOGY – Insect of pest control. 2.8) Crop cutting & collection etc.
of o- nic	3) Fanning of Horticulture : 3.1) Plot Selection, Farming
on of	3.2) Individual gardening etc.
se	Part B:- Vermiculture : 1) Knowledge of Vermi Compost and Vermi Culture.
nt	 Importance of benefit of environment by vermi compost. Benefit by Vermi Compost to local village-Economy.
al nd	 Integrated management to the soil use by vermi compost.
us nis	 Raw material for vermi compost production and Characteristic of Raw materials.
ire	 Process of vermi compost preparation. Particulars of earth-warm or vermi life history.
sed	8) Vermi House or vermi pit prepared.
use	 9) Utilization of vermi compost. 10) Business process.
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Certificate Course

On

"Use Of Vermicomposting in Agriculture (Carrier Oriented Programmed)"

Offered by

Department of (U.G)

Mugberia Gangadhar Mahavidyalaya

Date of Inauguration: 21th April 2021

Eligibility: UG student of Nutrition, UG all student of Mugberia Gangadhar Mahavidyalaya

Duration:30Hours RegistrationFee:Rs.200/-

Dr.SwapanKumarMisra, Principal, MugberiaGangadharMahavidyalaya.

Dr. Dr.Bidhan Samanta, HOD, Dept of Chemistry Course Coordinators

To enroll in this program, intended participants are requested to contact with Dr. Dr.Bidhan Samanta, HOD, Dept of Chemistry Mugberia Gangadhar Mahavidyalaya

Email:bidhansamanta@yahoo.in

PhoneNo:8250095619

"Use Of Vermicomposting in Agriculture (Carrier Oriented Programmed)"

Course period: 21th April 2021, -10th January, 2022

Offered by the Dept. of Nutrition (UG), Mugberia Gangadhar Mahavidyalaya

List of register Students

Total register students: 23

1

Sl No.	Name
1.	Anuja Guria
2.	Chayan Panigrahi
3.	Aparna Rajak
4.	Dipshikha Paria
5.	Kabita Das
6.	Krishna Jana
7.	Mousumi Mondal
8.	Priyanka Samanta
9.	Rajaram Giri
10.	Sabitri Bera
11.	Saheli Jana
12.	Sangita Hazra
13.	Shreya Maity(1)
14.	Shreya Maity(2)
15.	Sukanta Bhunia
16.	Srabani Maity
17.	Uma Dolai
18.	Ruma Mondal
19.	Aditi Das
20.	Arpita Sahoo
21.	Sahali jana
22.	Sabitri Bera
23.	Mousumi Mondal

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5. Jangio Maine
6. Sudarya Mai
7. Sudarya Mai
8. Songio Maja
10. Sangio Maja
11. Sington Maja
12. Anchana Mandal
13. Sudarya Mai
14. Janbori Chopai
15. Astronan Das
16. Astronan Das
16. Astrona Mandal
17. Antona Chopai
18. Astrona Chopai
19. Astrona Chopai
20. Chopain Chopai
21. Actiona Chopai
22. Dispirkha Dania
23. Maja Chunta
24. Krishna Jana
25. May a Chunta
26. Chopai Astrona
27. Robara Kaily (D)
28. Sabira Chopia
29. Sandia Kohana
20. Sandia Kohana
20. Sandia Kohana
21. Sandia Kohana
22. Sandia Kohana
23. Sandia Kohana
24. Krishna Jana
25. Cuhana Chunta
26. Sandia Kohana
27. Kaina Kaily (D)
28. Sabira Maily (D)
29. Sandia Maily (D)
29. Sandia Dolai
20. Sandia Dolai NAME OF PUPILS Sprial Roll -R. R. R. S. S. S. R. S. R. S. S. S. S. S. S. S. S. 12 50 5 4 No. Present Bally











Wish him success in life Principal

Course Co-ordinator

en la contraction de la contra 25.01.2022