



গড়গাঁও মহাবিদ্যালয়
GARGAON COLLEGE

DEPARTMENT OF ZOOLOGY
GARGAON COLLEGE

ADD-ON COURSE
2022-23
A SUMMARY REPORT

Contents

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Details of the Course

Name of the Course	Vermicompost
Course Outcome	The course aims to give a comprehensive knowledge about vermicompost technology. The students will be able to learn about the basics of vermicompost methodology, preparation of vermicompost, hands training on preparation of vermicompost.
Course Code	VER-01
Course Content	<p>PART A: VERMICOMPOST</p> <p>Unit 1: Introduction to vermiculture and vermicompost important, their value in maintenance of soil structure, roles of four r's of recycling, reduce, reuse, restore.</p> <p>Unit 2: Role of earthworm in bio-transformation of the residues generated by human activity and production of organic fertilizers.</p> <p>Unit 3: The matter and humus cycle (product, qualities). Ground Population, transformation process in organic matter</p> <p>Unit 4: The species of earthworms; local species of earthworms, choosing the right and useful earthworm. Complementary activities of auto-evaluation.</p> <p>Unit 5: Biology of earthworm; Vital cycle: alimentation, fecundity, annual reproducer potential an limiting factors (gases, diet, humidity, temperature, pH, light, and climatic factors)</p> <p>Unit 6: Earthworm farming (vermiculture), extraction (harvest), vermicomposting harvest and processing; Nutritional</p>

	<p>composition of vermicompost for plants, Vermiwash collection, composition and use</p> <p>Unit 7: Enemies and sickness of earthworms, frequent problems of earthworms, identification of problems and their remedies.</p> <p>PART B: VERMICOMPOST-PRACTICAL</p> <ol style="list-style-type: none"> 1. Key to identify different types of earthworms. 2. Study of systematic position, habits and habitat, external characters of earthworms. 3. Study of vermiculture, vermiwash & vermicompost equipments devices 4. Preparation of vermibeds, maintenance of vermicompost & climatic conditions 5. Harvesting, packaging, transport and storage of vermicompost
<p>Name of the Student Enrolled</p>	<ol style="list-style-type: none"> 1. Namita Gogoi 2. Luna Deori 3. Pragyashree Gogoi 4. Nituraj Phukan 5. Ratul Borah 6. Sumaiya Kaiffee Hussain 7. Riya Devi 8. Mousum Mohan 9. Dipsikha Borah 10. Liza Mohan 11. Priyakhi Dutta 12. Tabassum Ahmed 13. Usharani Doley 14. Ankur Gogoi 15. Aparajita Baruah 16. Aradhana Borah 17. Jyotika Buragohain 18. Jyotishmoti Phukan 19. Meetali Buragohain 20. Murchana Arandhara 21. Najnin Ahmed 22. Payal Ghosh 23. Rongpi Konwar

Assessment Procedure	The assessment process of the course involves theoretical as well as practical evaluation throughout the span of the course.
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GARGAON COLLEGE



ESTD: 1959

Simaluguri - 785686, Sivasagar, Assam

Certificate of Completion

This is to certify that

Mousum Mohan

ZOO/VER-001

Has successfully completed the Add-On Certificate Course on

Vermicompost

ZOO/VER/2023/01

Date of issue: 26.06.2023

Principal
Gargaon College