

DEPARTMENT OF ZOOLOGY
DEVA MATHA COLLEGE, KURAVILANGAD

Affiliated to Mahatma Gandhi University, Kottayam



Syllabus

ADD-ON COURSE

In

INTRODUCTION TO VERMICOMPOSTING

Academic Year: 2021-22



DEVA MATHA COLLEGE KURAVILANGAD

DEPARTMENT OF ZOOLOGY

Add on Courses offered for Students:2021-2022

- **Environmental Mentoring and Assessment - for II DC Students**
DMCK/ ZOO/AD 25/2021
- **Introduction to Vermicomposting - for III DC Students**
DMCK/ ZOO/AD 26/2021

Department Coordinator: Dr.Sunil Jose K

Title: Introduction to Vermicomposting

Instructional Hours: 30 Hours

Duration: 6 Months

Mode of Instruction: Offline Class , Project work

Intake Capacity: 30

Eligibility: Plus Two

SYLLABUS

OBJECTIVES

- The interested students will get the knowledge of composting
- Students will be able to compost in a limited space and describe the decomposing process.
- They will also turn towards organic farming
- Will help to maintain the environment pollution free

MODULE I

3 Hours

Role as four r's of recycling reduce, reuse, recycle, restore.

Introduction to Vermiculture. Definition.

Biology of Eisenia foetida and Eudrilus eugeniae.

MODULE II

12 Hours

Small Scale Earthworm farming for home gardens - Earthworm compost for home gardens

Conventional commercial composting - Earthworm Composting larger scale vermicomposting harvest and processing.

Nutritional Composition of Vermicompost

Vermiwash collection, composition & use

PRACTICAL

15 Hours

Preparation Of Vermibed

Harvest Of Vermicompost

Collection Of Vermiwash

(Demonstration Only)

OUTCOME

- Understand importance of earthworms in soil fertility
- Familiarize with alternative ways to manage the wastes

Assessment Procedure

- 1) Attendance
- 2) Project work

Grading

Marks Obtained (%)	Grade
90 and above	S
85-89	A
80-84	B
75-79	C
Below 75	D



Principal
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