

COMPOSTING [COMP]

General Information :

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| 1. Name of the Trade | : | Composting |
| 2. Entry Qualification | : | Passed Class VIII |
| 3. Duration of Training | : | 06 Months [Under Vocational Short Term Course] |

Rationale :

Compost has become extremely popular due to its self employment generation capability. So knowledge of Composting is very much essential in tropical climate like ours.

Aims :

The subject develops the knowledge of preparation of Composting and importance of composting.

Course Break-up :

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| a) Practical instruction | : | 288 hrs. |
| b) Theoretical instruction | : | 67 hrs. |
| c) Entrepreneurial instruction | : | 05 hrs. |

Marks Alloted :

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|--------------|---|-----|
| a) Practical | : | 400 |
| b) Theory | : | 100 |

Objective of the Course :

The course content is to be covered in less than 26 weeks since some weeks will be used for enrolment procedures, leave of the instructors, holidays, examination and tests, industrial visit etc.

Industrial Visit :

Industrial cum Study tour to at least two different Composting farm is necessary.

Theory :

1. Type of organic manures & their nutrient content.
2. Earth Worm : description, different types (epizoic & endozoic) suitable species for Vermi compost in our state, beneficial effects in agriculture (friend of a farmer).
3. Definition of vermi compost and its importance.
4. Types of vermi composting.
5. Vermi culture.
6. Importance of compost in relation to soil fertility maintenance.
7. Description of compost pit & bed.
8. Method of preparation of different types of compost viz. phospo-compost etc.
9. Vermi culture-preparation of bed through different media.
10. Preparation procedure of vermin and other compost and its application in the field.
11. Utility of vermin and other compost in commercial farming.
12. Vermiwash - its concept, preparation and use.
13. Cost of establishment of a small Vermi and other composting unit.

Practical :

1. Preparation procedures of a compost pit.
2. Selection of compost material, separation of compostable and non-compostable materials.
3. Identification of 3 major species of earthworm viz.
 - (i) *Eisenia foetida*.
 - (ii) *Eudrilus euginae*.
 - (iii) *Perionyx excavatus*.
4. Preparation of vermin phospo and other compost, maintenance of vermi compost bed, collection of vermi compost.
5. Packing of Vermi and other compost.
6. Application of vermi compost in individual plot and homestead.
7. Vermi culture - multiplication of earthworm in trays / racks.

ENTREPRENEURIAL INSTRUCTION

Sl.No.	Course Curriculum	Hours
1.	Brief idea on nature of small business management and Industrial Technical skill.	
2.	Preparation of schemes and vetting to Financial Institutions/ Lead Bank for obtaining loans.	
3.	Rules for setting up of business / production Unit.	
4.	Maintenance of Accounts, Labour Capital etc.	
5.	Man Management, Communication; Motivation.	
6.	Operational Management.	
7.	Market Survey.	
8.	Quality Control.	
9.	Visit to Industrial units for gathering idea to start the unit.	
10.	Choice of technology as per demand of local people of the District / State.	
11.	Knowledge of Sales Tax etc.	
12.	Brief idea for Registration of SSI, Trade License, Project Report Proposal for loans etc.	
13.	Formation of Self help group for income and employment generation through vermi compost production	
		Total 05