

# Syllabus of Internship programme for the Students of Zoology in Rathindra KVK, Palli Siksha Bhavana, Visva-Bharati.

## 1. Module 1: Vermi- Composting.

- ❖ **Theory (8 Hours):** Importance, Comparison between Normal Compost and Vermi Compost, Name of the Earth worms, Their habitat, Procedure of Vermi-composting.
- ❖ **Practical (16 Hours):** Pit making, Waste material collections, Partial decomposition, Release of earthworms, Watering, Sieving and Packeting.

## 2. Module 2: Apiculture.

- ❖ **Theory (8 Hours):** Suitable species of bees for profitable Apiculture, Idea on honeybee rearing and their management.
- ❖ **Practical (16 Hours):** Feeding of honey bee, Regular surveillance of box, Use of Smoker, Honey extractor etc.

## 3. Module 3: Entomology.

- ❖ **Theory (8 Hours):** Learning to identify common beneficial insect (eg: Pollinators, Predators, Parasitoids) and harmful insects; IPM.
- ❖ **Practical (16 hours):** Collection, Identification and Taxonomic classification of different common Pests. Integrated Pest Management and Practices.

## 4. Module 4: Fishery.

- ❖ **Theory (8 hours):** Aquaculture techniques, Prawn preparation, Species Selection, Feeding and Disease Management.
- ❖ **Practical (16 hours):** Identification of different fish species, Identification of different fish diseases and their prophylactic measures.

## 5. Module 5: Poultry Farming.

- ❖ **Theory (8 hours):** Different breeds and their importance, Common diseases and preventing measures.  
Housing, Hygiene and handling of Poultry farm, Low cost feeds.
- ❖ **Practical (16 hours):** Identification and taxonomic classification of different Poultry breeds.  
Identification of common diseases and application of treatments,  
Preparation of Low cost Poultry feeds.