BSE III. 6 E: Apiculture

Course Learning Outcomes (CLO's)

- The Student teachers will be able to understand and observe the different techniques
 of bee keeping.
- 2. Understand the behaviour of bee biology understand the role of bees in pollination.
- 3. To understand the techniques of honey bee management and importance to man
- To understand the diseases of preserving honey, economic importance and medicinal value.
- 5. To understand, observe the diseases of honeybees and prophylactic measures.
- 6. To develop entrepreneurial skills in beekeeping.
- 7. Apiculture its history, importance, types of bees, beehives, floral colander.
- 8. Quality of honey vs floralcolander.
- 9. Bee colony management.
- 10. Different methods of collective honey. Harvesting quality honey. Hive products.
- Understand the reproduction honey bees, maintenance of beehive boxes selection of beehive equipment.
- 12. To provide hands on experience in bee keeping and skills of bee keeping.
- 13. Applications of the modern technology employee in beekeeping
- 14. Understanding the honey bee environment and life cycle.
- 15. Honey extraction methods
- 16. Study of predators on honeybees
- 17. Study of robber bees
- 18. Study of Morphology of worker, drone and Queen Bees.

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Skill Enhance Course I - Botony

BSE III. 6 B: Plant propagation, Nursery and Gardening.

Course Learning Outcomes (CLOs)

On Completion of the course, the student teachers will be able to demonstrate

- 1. Development and Management of Garden.
- 2. Cultivate vegetables in Kitchen Garden
- 3. Growing plants through appropriate techniques.
- 4. Identify seeds and Garden plants.

प्रचिय Principal
अनीय शिक्षा संस्थान / Regional Institute of Education

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Skill Enhancement Course SEC 2: Zoology BSE IV.6E: SERICULTURE

On completion of the course, prospective teachers will be able to:

- Understand types, classification, life cycle, morphology, silk gland, endocrine gland and distribution of silkworm; role of Central Silk Board, maintenance of mulberry plants, soil condition for mulberry plants.
- 2. Recognize the diseases, pests of silkworm and their control measures.
- Attain skills in collecting disease free layings (DFLs), selecting races and species of silkworm, incubating the egg, hatching, brushing, feeding, moulting and spinning of silkworm, emergence of silk moth, pairing, despairing and laying of eggs.
- Develop positive attitudes towards silkworm for their importance in the economy of the country.
- Practice and perform laboratory and field experiments to possess skills of collecting, handling, observing, identifying, managing sericulture techniques and owning entrepreneurship.
- 6. Appreciate the modern techniques employed in sericulture.
- 7. Prepare models and teaching-learning materials in sericulture for classroom transaction.

भित्रीय Principal
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