

ADD ON COURSE

Course Title: SERICULTURE

Total marks: 20+20+10=50

Total Course Duration: 30 hrs

THEORY (20 MARKS)

UNIT I

Introduction to sericulture: Prospects and scope of mulberry and non- mulberry sericulture in Assam. Varieties of silk, Types and distribution.

UNIT II

Life cycle of silkworm, structure and function of silk gland, nature of silk

UNIT III

Rearing of silkworm (mulberry, eri and muga silkworm),

Rearing operation: Rearing house and rearing appliance, early age and late age rearing. Environmental condition of rearing (temperature, light, humidity, and rain)

UNIT IV

Food plants of Mulberry, Eri and Muga silkworm, Types of mountages, harvesting and storages of cocoons, spinning and reeling.

UNIT V

Entrepreneurship of sericulture: employment generation and potential. Silk products and economics in Assam.

PRACTICALS (20 MARKS)

1. Study of tools and equipments implemented in sericulture.
2. Study of different food plants
3. Preparation of rearing house and rearing appliance.
4. Preparation of Kharika for eggs laying.
5. Uses of Disinfectants- Formalin, Bleaching powder

INTERNSHIP (10 MARKS)

- Visit to a sericulture farm in the locality.