

  
**Sant Gadge Baba Amravati University**  
**Department of Lifelong Learning & Extension**  
**Diploma Courses**  
**(6 Month)**  
**Syllabus**  
**For**  
**Diploma in Sericulture**

**UNIT I:**

**History of Sericulture**

**(08 Marks)**

1. Introduction to sericulture:
2. Cultivation of food plants.
3. Bioecology of mulberry silkworms.

**Unit II:**

**Rearing of silkworms**

**(08 Marks)**

1. Rearing of silkworms.
2. Equipment's or requirements for rearing.
3. Favourable Climatic conditions for rearing.

**Unit III:**

**Harvesting**

**(08 Marks)**

1. Harvesting and processing of cocoons. Stifling and
2. Reeling Reeling's selling to Textile mills through Government sanctioned rates.
3. Government Subsidies and Schemes for Sericulture farming. Reeling appliances

**Unit IV:**

**Diseases n Preventions**

**(08 Marks)**

1. Diseases of Bombyx mori
2. Preventive measures for disease free cocoon production.
- 4.2 Predators and parasitoids of silkworm and their management

**UNIT V: 4. Non-Mulberry sericulture:**

**(08 Marks)**

1. Tasar sericulture:
  2. Muga sericulture;
  3. Eri sericulture:
- .....

## **Practical Work:**

**(60 marks)**

**The distribution of marks for practical examination will be as follows:**

- **Sericulture Related Projects submission by students. (15 marks)**
- Students must be Submitted **project reports as Project assignments. (05 marks)**
- Students must be Submitted **Field visit report.** (Visits to different sericulture rearing centers and farms also visiting the Reeling centers and textile mills.) **(10 marks)**
- Students give Seminars **any topics related to syllabus (10 marks)**
- Students have to submit detail report on the following:  
**Rearing and Management of Sericulture / The technical part:  
Reeling of silk, Stifling, Yarn making, Textile work etc.** during the entire Course. **(20 marks)**

## **Project List:**

- Introduction to sericulture:
- Bioecology of mulberry silkworms
- Rearing of silkworms.
- Equipment's or requirements for rearing of Silkworm.
- Diseases of Bombyx mori of cocoons
- Predators and parasitoids of silkworm
- Prevention and Disease management
- Sericulture and the technical part of silk reeling, stifling and yarn making.
- Tasar sericulture: Life cycle
- Muga sericulture: Life cycle
- Eri sericulture: Life cycle

