



Shri Shivaji Education Society Amravati's
Shri Shivaji Science And Arts College,
Chikhli. Dist: Buldana



Department of Zoology

Organizes

Add-on Course in

Sericulture

2019-20

Patron

Hon. Shri. Harshvardhan P. Deshmukh

President

Shri Shivaji Education Society, Amravati

Organizer

Dr. Anil. M. Garode

Principal

Shri Shivaji Science & Arts College, Chikhli

Experts

Dr. Meena T. Nikam
Prof. & Head

Dr. Vijayshree M. Hemke
Course Coordinator

Dr. Rajendra B. Gade
Assistant Prof.

Note:

- 1) For Admission Contact to Course Coordinator at Zoology Department
- 2) The Course will be conducted from 02nd Dec-20th Dec 2019
- 3) After successful Completion of the course, certificate will be provided
- 4) Classes will be conducted online as well as offline mode

Registration Date: 26/11/2019 to 30/11/2019

Details of the Physical Infrastructure to be provided for the course:

Classroom:

Sufficient Class rooms are available in the college for classes.

Utility of the proposed course:-

i) Skills development ii) Entrepreneur

Infrastructure available: a) Classroom: 3 digital Class Rooms b) Lab: -
Laboratory and silkworm rearing house



Department of Zoology
Add on Course in
Sericulture



Sericulture is the art and technique of silk production. Sericulture is an agro-industry comprising of two aspects viz. cocoon production and silk reeling. This agro-industry has important socio-economic implications as it generates employment and income especially in the informal sector, among landless and marginal farmers and women; mitigates poverty and paces down rural to urban migration. The price spread in sericulture favours the farm sector to an extent of 48 per cent.

The caterpillars of the '*Bombyx mori*' are the most commonly used silkworm species in sericulture. Other types of silkworms (such as Eri, Muga, and Tussar) are also cultivated for the production of 'wild silks'.

Objectives of the Course

- ✓ To motivate students for scientific study in the field of Agro-based Industry by— performing simple projects and field visits.
- ✓ To developed the skill, how to develop and earn regular incomes through sericulture in the Buldhana Region
- ✓ To cultivate public awareness and appreciation for Sericulture as a earning source
- ✓ To Train the students in identifying the diseases and pests of the mulberry plant
- ✓ We get to learn about the various skills that are necessary for self employment in the mulberry and seed production
- ✓ This course gives us employment and job opportunities in the public, private and government sector

Course Outcome

- **CO1**-On completion of the Sericulture course, students will be able to understand overall aspects of Sericulture, namely, Mulberry and non mulberry silkworms and their food plants, Rearing of the silkworm, Silkworm pathology their prevention and its relevance in Seri-farmers livelihood.
- **CO2**-This course creates awareness among students about the economic importance and suitability of Sericulture in Indian conditions.
- **CO3**-Demonstrating the Laboratory and field skills in mulberry cultivation and silkworm rearing with an emphasis on technological aspects.
- **CO4**- Students will get hands-on training on Mulberry nursery management, Silkworm rearing.
- **CO5**- Students will know the different components and chain link of sericulture industry.
- **CO6**-Competent to transfer the knowledge and technical skills to the Seri-farmers.
- **CO7**-Demonstrate entrepreneurship abilities, innovative thinking, planning, and setting up small-scale enterprises.

