

Department of Zoology

A Certificate course in Sericulture

About Course

The rearing of silkworms for the production of raw silk is known as Sericulture. It involves cultivation of food plants like mulberry, silk rearing and silk reeling, weaving and marketing. The major activities of sericulture comprise of food-plant cultivation to feed the silkworms which spin silk cocoons and reeling the cocoons for unwinding the silk filament for value added benefits such as processing and weaving. Sericulture is an agro-based industry and has high employment potential. 60 lakh persons are engaged in various sericulture activities in the country. It is estimated that Sericulture can generate employment at 11 man days per kg of raw silk production (in on-farm and off-farm activities) throughout the year. This potential is *par-excellence* and no other industry generates this kind of employment, especially in rural areas, hence, sericulture is used as a tool for rural reconstruction.

“The rearing of silk worm for the product of raw silk is known as sericulture”

AIMS AND OBJECTIVE

- Provides vibrancy to village economics
- Low gestation, high returns
- Women friendly occupation
- Ideal programme for weaker sections of the society
- Eco-friendly activity
- Satisfy equity concerns

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Certificate Course: Sericulture

Theory (24L)

1. An introduction to sericulture, Study of different types of silk moths 4
2. External morphology and life cycle of Bombyx mori. 3
3. Cultivation of mulberry (Moriculture) 4
4. Harvesting of mulberry: a) Leaf plucking b) Branch cutting 2
5. Silk worm rearing 4
6. Important diseases and pests. 3
7. Post harvest processing of cocoons 4

Practical (24L)

1. Study of life cycle of Bombyx mori. (D)
2. External morphology of Bombyx mori. (D)
3. Study of any five equipments in Sericulture. (D)
4. Moriculture. (D)
5. Species of Bombyx mori. (D)
6. Diseases of Silkworm (D)

Certificate Course Sericulture

Structure and Scheme of examination

For F.Y. B.Sc Class Student of Arts, Commerce Science and Computer Science, College, Ashvi, organized one day workshop for designing the syllabus under Department of Zoology On 11th August 2015. In this workshop detail discussion occurs by considering following points.

1. Structure of course.
2. Duration of course.
3. Course field visits.
4. Scheme of examination. Theory, Practical

Course Duration:

The syllabus designed are completed within 24 Lectures, Practical are conducted at visited field. So the course duration is Three months.

Examination Structure:

Theory (Marks)	Practical (Marks)	Visit report (Marks)	Total (Marks)
20	20	10	50

Outcomes of Certificate Course Sericulture

Farmers Benefited- Year -2015-2020

Sr. No.	Name of Farmer	Address	Guidance given to farmers	Year of Establishment of Unit
1	Tambe Vijay Shatrughna	Dadh BK, Tal-Rahata	*Grands and unit formation *selection of mulberry varieties *Life cycle stages of silkworm *Pest and Disease of silkworm *Processing and Marketing of cocoon.	2015-2016
2	Ghule Shahaji Gitaram	Chinchpur, Tal-Sangamner		2016-2017
3	Tambe Babasaheb Bhausahab	Chinchpur, Tal-Sangamner		2016-2017
4	Phophase Chandrakant	Chinchpur, Tal-Sangamner		2017-2018
5	Tambe Kiran Dhrupat	Chinchpur, Tal-Sangamner		2017-2018
6	Lokhande Kiran Sampatrao	Chinchpur, Tal-Sangamner		2018-2019
7	Tambe Aabasaheb Mhatarba	Chinchpur, Tal-Sangamner		2018-2019
8	Lohate Ashok Laxmiman	Chinchpur, Tal-Sangamner		2018-2019
9	Tambe Bhanudas Hari	Chinchpur, Tal-Sangamner		2019-2020
10	Khole Dadabhau subash	Chinchpur, Tal-Sangamner		2019-2020

Photo Gallery



