

INTRODUCTION

Department of Zoology, University of the Punjab, earned international recognition for academic excellence and prominence in various fields of research. The department meets the need of training persons in a vast basic and interdisciplinary framework concerning Animal Sciences.

Sericulture, the rearing of silkworm for silk production, is a labor-intensive agro-based industry which provide additional income to farmers, especially women. Silk is the main and important fiber of pre-industrial era. It has vast applications in medical field, cosmetics, textile and furniture industry.

Silk is the most durable article of dress ever found and thus used extensively as a high quality fabric. Because of its strength, beauty and luxurious feel, silk fabric is used for many different things like construction of parachutes, bicycle tires and prosthetic arteries.

Silkworm (*Bombyx mori*) is used as a general food material and also used in traditional medicines in some countries. Silkworm pupae contain 45–55 % protein on dry matter basis and can significantly raise hemoglobin and serum total protein levels. Silkworm pupae are traditionally used as fertilizer and also as animal and poultry feed. As an insect, silkworm is used in many scientific studies as a model organism. The by-products usually considered as wastes, can put to better use in producing the

valuable products and thereby catapult the industry to a more profitable and economically viable spot.

SAMINAR DESCRIPTION

Recent trends / developments in the field of Sericulture with emphasis on temperate sericulture

- a) Economic cost and benefit of sericulture
- b) Problems related with sericulture in Pakistan
- c) Economic values of byproducts of sericulture
- d) Display of different silk products
- e) Stages of silkworm larvae
- f) Mulberry usage in industry

SCHEDULE

Receipt of application

Application form completed in all respects along with Copy of CNIC must reach the organizer by Feburary 12, 2018.

Selection

A fixed number of applicants will be selected for participation. The selected candidates will be confirmed on February 13, 2018.

Award of certificates

Certificates will be awarded to all participants.

REGISTRATION FEE

Officials Rs. 1000/- (Mandatory)

Students Rs. 600/- (Mandatory)

ENQUIRIES/INFORMATION

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