

## **ANNEXURE**

### **METRIC NO. 1.3.2**

#### **BACHLEOR OF SCIENCE(ZOOOLOGY )-5<sup>th</sup> 6<sup>th</sup> SEM**

Scanned copies of the Permission letter ,objective and outcome of the field survey done by the students of BSc (Zoology) -5<sup>th</sup> 6<sup>th</sup> Sem are duly sealed and signed by **Head of Institute at the end of the file.**



**Office of The Principal Govt. College for Girls, Ludhiana**

To

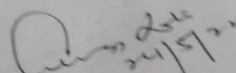
The Head,  
Department of Entomology,  
Punjab Agriculture University, Ludhiana.

Letter No: 12462  
Dated: 24/5/22

**Subject: Visit to study Apiculture and Lac Culture.**

As a part of the course curriculum the B.Sc. III (Medical) students are required to undertake a visit to Apiary and Lac Culture. For understanding the practical aspects under your guidance, the students along with In charge Dr. Madhvi Vashishth will visit on 27.05.2022 at 09:00 A.M. Kindly make the needful arrangements for the same.

Thanking you

  
**Principal  
Govt. College for Girls  
Ludhiana.**

## Visit to study Apiculture and Lac Culture

### BSc -III (Medical)

Field trip to entomological farms at Punjab Agriculture University Ludhiana organized by zoology department. As a part of practical course curriculum Economic Entomology and Pest management the BSc III students are required to undertake a visit to apiary.

**Objective** - The objective is to impart practical hands-on knowledge to students regarding various Aspects of beekeeping.

**The Resource Person** - Dr. Jaspal Singh Sr. Entomologist department of Entomology P. A. U Ludhiana.

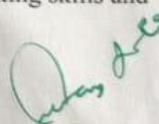
**Outcomes:** Firstly, the learners understand the basics of beekeeping tools, equipment and management of artificial beehives. Secondly, the students also understand the primary life cycle of different species of honey bees involved in Apiculture in Punjab along with the importance of bee products and extraction of honey.

### BSc -III (Medical)

#### Study of life cycle of a pest

**Objective:** As a part of practical course curriculum Economic Entomology and Pest Management the students are required to prepare a project on life cycle of a pest. The objective is to enhance the theoretical knowledge through practical experience.

**Outcomes:** By preparing the project on life cycle of the pest students get to know about the key stages of life cycle and how and what stage is important to minimise the loss by pest below threshold levels and manage it. As a result, students develop critical thinking skills and research aptitude

  
Principal  
Govt. College For Girls  
LUDHIANA