

**SHRI GOVIND GURU UNIVERSITY, GODHRA**  
**B.Sc. ZOOLOGY - SEMESTER-III**  
**SKILL ENHANCEMENT COURSE (SEC) – THEORY**  
**BSC23SE304**  
**(Sericulture)**

**Total Credit - 02**

**02 Lectures/Week**

UNIT	TOPICS	CREDIT	HOURS
<b>Unit-I</b>	<ul style="list-style-type: none"> <li>• Introduction of sericulture</li> <li>• Classification of silkworm (<i>Bombyx mori</i>)</li> <li>• External features and Life cycle of <i>Bombyx mori</i></li> <li>• Species of silkworm used for sericulture</li> <li>• Requirements for sericulture</li> </ul>	<b>1</b>	<b>15</b>
<b>Unit-II</b>	<ul style="list-style-type: none"> <li>• Rearing of silkworm               <ul style="list-style-type: none"> <li>- Grainage management</li> <li>- Post-cocoon processing (Stifling, Reeling &amp; spinning)</li> </ul> </li> <li>• Diseases of silkworm</li> <li>• Economic importance of silk</li> <li>• Status of Sericulture industry in India</li> <li>• Major silk research institutes in India</li> </ul>	<b>1</b>	<b>15</b>

**References:**

1. Applied Zoology: N. Arumugam, T. Murugan, J. Johnson Rajeswar and R. Ram Prabu, Saras Publication
2. Economic Zoology: Sagarika Chaudhuri, New Central Book Agency.
3. Economic Zoology: G.S. Shukla and V.B. Upadhyay, Rastogi Publication.