



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Agriculture

Generic Elective Course, V semester

Course Code	Course Name	TEACHING & EVALUATION SCHEME							
		Theory			Practical		Credits		
		END SEM University Exam	Mid-term exam	Teachers Assessment*	END SEM University	Teachers Assessment*	L	P	Total
AGGE501	Friendly Insects in Agriculture	60	20	20	00	00	4	0	4

1. Legends: L - Lecture; P – Practical

2. *Teacher Assessment shall be based on following components: Quiz / Assignment / Project / Participation in Class.

Aim of the course

To Understand the role of beneficial and friendly insects in agriculture, food, human health and the environment.

Theory

Unit I

Introduction to Beneficial/friendly insects, their Importance: Definition of insect, Pest, Types of insects- Beneficial/Harmful, Characteristics of friendly insects.

Unit II

Apiculture, Introduction of Apiculture, Definition of Apiary, Importance of honey bee, Common honey bees found in India, Uses of honey bee, Castes of honey bees.

Unit III

Sericulture, Introduction of sericulture, Types of silkworms, Common names of silkworms, superior silkworm, uses of silkworms. Host plants used for rearing of silkworm.

Unit IV

Lac Culture, Introduction, Species of lac insect, host plant for lac insect rearing, Uses of lac, Lac products.

Unit V

Important species of pollinators, weed killers and scavengers and other friendly insects with their importance in agriculture.

References

1. Vasantharaj David, B., and V.V. Ramanamurthy, 2003. Elements of Economic Entomology. Popular Book Depot, Coimbatore.
2. Ganga, G. and Sulochana Chetty, J 1997 (2nd edt). An introduction to Sericulture. Oxford and IBH Publishing Co. Pvt Ltd., New Delhi



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3. Hisao Aragu (1994). Principles of Sericulture. Oxford and IBH Publishing Co. Pvt Ltd., New Delhi
4. Glover P M (1937). Lac cultivation in India; The Indian Lac Research Institute, Ranchi.
5. Mishra R C (1995). Honey bees and their management in India. ICAR, New Delhi.

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