

DEPARTMENT OF ZOOLOGY
Sacred Heart College (Autonomous)
Thevara, Cochin

SYLLABUS FOR
VALUE ADDED COURSE
APICULTURE

COURSE CODE: 15ZOOVAC01

APICULTURE

Course Code	15ZOOVAC01
Title of the course	APICULTURE
Semester in which the course is to be taught	3 and 4
No. of credits	2
No. of contact hours	36

OBJECTIVES OF THE COURSE:

- 1) To inculcate importance of Bee keeping and honey processing in relation with entrepreneurship development.
- 2) To give students knowledge about various techniques of Bee keeping and honey processing and its marketing to make them self-employed after graduation.
- 3) To teach techniques of construction of Bee Hives and its maintenance.

SYLLABUS

CREDIT 2

- To Study different stages in life cycle of Honey bees.
- To study the behavior of Honeybees
- Bee keeping unit - Handling of frames with colonies
- Introduction of parts of Bee box
- Colony inspection, maintenance - writing up of inspection report
- Identification of Queen cells, Drone cells & Brood
- Sugar feeding of colonies in scarcity period
- Identification of swarming tendency in a colony - Removal of Drone cells
- Methods of Multiplication of Bee Colonies

Suggested Reading

1. Prost, P. J. (1962). Apiculture. Oxford and IBH, New Delhi.
2. Bisht. D.S., Apiculture, ICAR Publication.
3. Singh S., Beekeeping in India, Indian council of Agricultural Research, New Delhi.
4. Kumar, A. and Nigam, P. M. (1989), Economic and Applied Entomology EMKAY Publishing Co. New Delhi.
5. Mishra, R. C. (1995), Honey Bees & their Management in India. ICAR, New Delhi.
6. Mustafa, S. (1990) Applied and Industrial Zoology. Associated Publishing Company, New Delhi.



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