

3. VACA-03: Beekeeping

Total Hours: 30

Course Objectives:

2. To impart the basic knowledge about honey bee species and bee flora
3. To develop an understanding of the handling of honey beekeeping equipment & management of diseases & pests of honey bee
4. To develop skills in scientific methods of beekeeping and extraction of honey
5. To impart the knowledge regarding apiary management by month-wise calendar

Course outcomes:

1. Understand the importance of beekeeping, the Selection of bee species the identification of bee flora, and the location of the site.
2. Handling of bee-keeping equipment, Management of insects and diseases & natural enemies.
3. Scientific methods of beekeeping & honey processing.
4. Seasonal apiary management by the month-wise calendar.

SYLLABUS

Unit I

Introduction to beekeeping, History, Present scenario & scope, Selection of bee species & races, identification of bee flora, and location of the site.

Unit II

Honey bee-keeping equipment, Building & division of comb and colony, Management of insects and diseases, and nuisance in bee hives.

Unit III


Scientific methods of beekeeping, Bee Boxes Maintenance, Collection and preservation of honey,

Unit IV

Month-wise calendar of operations in beekeeping, Seasonal Management of honey bees.

Reference Books:

1. Graham, J M (1992) The hive and the honey bee. Dadant and Sons, Hamilton, Illinois.
2. Mishra R.C. (1995) Honey bees and their management in India. ICAR Publication, New Delhi.


Director
Gopal Narayan Singh University
Jamuhar, Sasaram, Rohtas (Bihar)


Coordinator
IQAC (NAAC)
Gopal Narayan Singh University
Jamuhar, Sasaram, Rohtas (Bihar)