

ECONOMIC ZOOLOGY

Course Director: **Dr. A. John Paul, M.Sc., M. Phil., Ph D.,**

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Department: **ZOOLOGY**

Duration of the course: **90hrs (3 Credits)**

Course Fee: **Rs. 4000/-**

Objectives:

- **To impart practical knowledge and working skill to the students on the Economic importance of various animals.**
- **To train the students to have an independent better livelihood on their own.**

SYLLABUS

1. Principles of entomology and biodiversity
2. Pest monitoring and management
3. Insect-plant interaction and chemical ecology
4. Insecticides and insect resistance
5. Biological control of insect pests
6. Insect pests of some crops of economic importance
7. Productive Arthropods and Crustaceans- Honey bees, Silkworm, Prawns, Pearl etc.,
 - (i) Sericulture: Sericulture – Different species of silkworm, Rearing of silkworm and Diseases of silkworm
 - (ii) Apiculture: species, bee keeping and management, role in pollination, bee products.
8. Economic importance of Mammals (Piggery, Dairy industry, Leather, wool and Fur industry)
9. Pharmaceutical products from Animals
10. Wild life in India and its Conservation.

Note: The students can visit the nearby Economically important Industries/Places/Institutes with special reference to animals on their own and submit a report at the end of the course as part of the field visit.