

Zoology Workshop on Beekeeping

Report of the event

Workshop: One-day hands-on training workshop on beekeeping organized by the Department of Zoology for S.Y. B.Sc. students. The workshop aimed to provide practical knowledge and skills in beekeeping and create awareness about the importance of bees in our ecosystem.

Date and Venue: The workshop took place on **21 FEBRUARY 2022** at Zoology Department. The venue was well-suited for practical demonstrations and provided a conducive environment for the participants to learn and engage in hands-on activities related to beekeeping.

Participants: The workshop active participation from approximately **72** S.Y. B.Sc. students from the Department of Zoology. The participants displayed enthusiasm and eagerness to learn about beekeeping and its significance. The workshop was structured to provide both theoretical knowledge and practical skills necessary for beekeeping. The agenda of the workshop included the following key elements:

Introduction to Beekeeping: a. Importance of bees in pollination and ecosystem health. b. Overview of honeybee species and their characteristics. c. Benefits of beekeeping for individuals and the environment.

Beekeeping Equipment and Safety: a. Introduction to beekeeping tools and equipment. b. Safety guidelines and precautions for working with bees. c. Proper handling and maintenance of beekeeping equipment.

Hive Components and Management: a. Understanding the components of a beehive. b. Hive assembly and placement considerations. c. Hive inspection, monitoring, and maintenance.

Bee Biology and Behavior: a. Life cycle of bees and their roles within the colony. b. Understanding bee behavior and communication. c. Factors influencing honey production and colony health.

Honey Extraction and Processing: a. Harvesting techniques for honey and other hive products. b. Honey extraction methods and equipment. c. Processing, packaging, and storage of honey.

Practical Demonstrations and Hands-On Activities: The participants actively engaged in hands-on activities and practical demonstrations related to beekeeping. They had the opportunity to observe beehives, handle beekeeping equipment, and learn the process of hive inspection. The participants also had hands-on experience in extracting honey from honeycombs and gained insights into honey processing techniques.

Question and Answer Session: Throughout the workshop, participants were encouraged to ask questions and seek clarifications. A dedicated question and answer session was conducted to address their queries and provide further insights into various aspects of beekeeping.

The one-day hands-on training workshop on beekeeping was a resounding success, providing the S.Y. B.Sc. students with valuable practical knowledge and skills. The workshop fostered an understanding of the importance of bees in our ecosystem and the role of beekeeping in supporting pollination, biodiversity, and sustainable agriculture. The participants expressed their appreciation for the interactive and engaging nature of the workshop, and many showcased a keen interest in pursuing beekeeping as a hobby or a potential career option.