

REPORT

THE ZOOLOGY DEPARTMENT

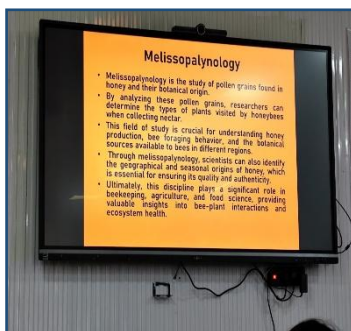
“Workshop on Aquaculture & Melissopalynological Studies of Honey”

Date: 7th December 2024

Venue: Conference Hall



The Zoology Department of C.O.E. Govt. Degree College Sanjauli organized a Workshop on Aquaculture & Melissopalynological Studies of Honey. The event started with the welcome of the hon’ble speakers and the faculty members of the zoology department in the *conference hall* of Centre Of Excellence Govt. College Sanjauli. The first speaker of the day was **Prof. Shiwani Seraik** and she presented her presentation on the topic Melissopalynology & Physiochemical Analysis of Honey.



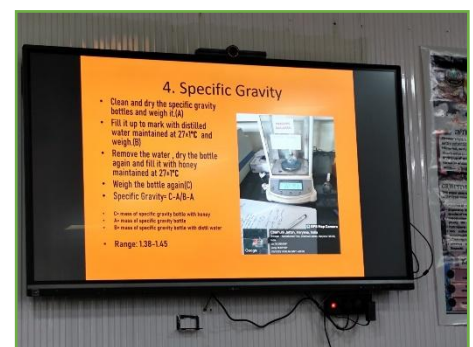
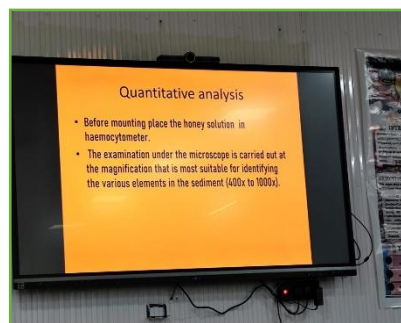
In their presentation Prof. Shiwani started with the basics and discussed and elaborated about the various important aspects of honey, various species of honey bees, their pasturage etc. the presentation also discussed various uses of honey bee products such as honey, bee pollen, royal jelly, apitoxin and beeswax.



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The section of presentation dealing with the concept of “Melissopalynology” dealt with the discussion and preparation of pollen slides from honey samples, the quantitative analysis of honey and the significance of the whole process. The last few parts of the presentation shed light on the “Physiochemical Analysis of Honey” and aspects such as ph, moisture, specific gravity and HMF & Fiehe’s Test were discussed.



Students of other colleges were then invited to have a look on the posters presented by the students of the Zoology department.



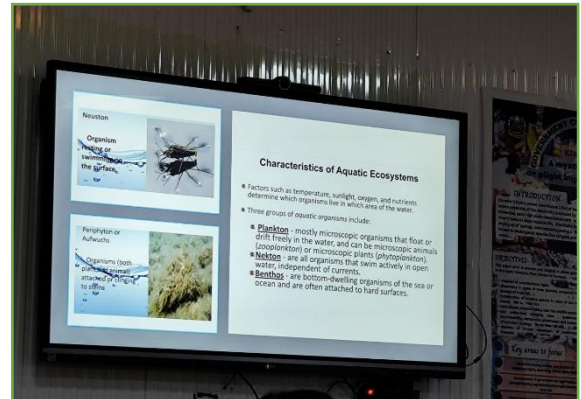
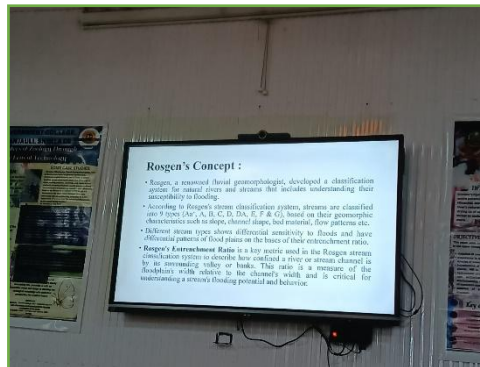
After the poster presentation the second guest speaker **Dr. Harinder Singh Banyal, Associate Prof. & Chairperson Dept. Of Bio Sciences, H.P.U.** presented his presentation on the topic “A perspective on environmental changes faced by fish faunal diversity in the lotic water bodies of Himachal Pradesh.”



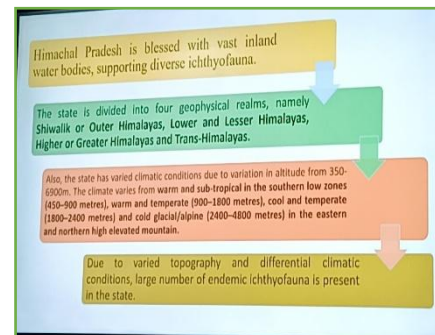
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Dr. Banyal started with the basic concepts such as the description of an aquatic system and its functions, he also *discussed various groups of aquatic organisms such as: planktons, nektons and benthos*, further covering concepts like *types of aquatic ecosystems, Rosgen's concept, flood plains and functions etc.*



Dr. Banyal emphasised on conservation of aquatic fauna and its importance in the mountainous regions of the Western Himalayas, especially in the state of Himachal Pradesh.



Dr. Banyal was then invited to have look at the poster presentation of the students of Zoology department.



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Dr. Shweta and Dr. Minakshi of Zoology Department then gave their vote of thanks, and the seminar ended with the national anthem.

