



Satyaniketan's
Adv.M.N.Deshmukh Arts, Science & Commerce College, Rajur

Study Tour Report
(01st & 02nd March 2024)

Department of Zoology
S.Y.B.Sc (2023-2024)



The department of zoology organized study tour on 1st and 2nd march 2024 we visited the places **Rajur- Sangamner-Karla leni- Pali- Janjira fort- Murud beach- Pratapgarh fort –Mahabaleshwar- Sangamner- Rajur.**

Introduction – The department of Zoology, Organised study tour to visit at Madhuban (Mahabaleshwar) and Murud beach as per the syllabus of **Savitribai Phule Pune University.** The tour was headed by under the guidance of **Dr. B. K. Tapale** sir (HOD) department of zoology and **Prof. R. N. Kasar** sir Department of zoology.

AIMS AND OBJECTIVE OF THE TOUR

- 1) To visit beach for diversity of marine water fauna.
- 2) To visit Fish market for study of different types fish and their varieties.
- 3) To visit apiculture center to study apiculture aspects

To enjoy the various picnic spots such as beach. Boating, playing in sea water, etc.



Apiculture

Student in study Fourth semester in B.Sc. visited apiculture center in Madhuban (Mahabaleshwar). They studied the apiculture not which are made up locally available & cheap martial they are used full for maintained of temperature they have also observed longshot box. The boxes were placed on stands which are useful for avoiding entry of enemies in bee box.

Student has giving information about apiculture i.e. species of honey bee, their behavior, colony organization duties performed by queen, worker, drone information about bees behaviors & communication he has given information about bee product i.e. honey bee was bee venom, royal jelly, pollen grains, etc. he had also given information about role of honey bees in pollination and how they increased agriculture production he had giving information about bee keeping equipment's like longshot box, honey extractor, smoker, bee veil, hive tool, overall he had also given information about disease like American foul brood diseases, European foul disease, sac brood disease. As well as enemies of bees like lizard, toad, king crow, bear, bee eater and human.



FISHERY STUDENT VISITED

At Murud in Ratnagiri district. When they saw number of fishes like paplet fish (*Pomfret*), fresh bombil (*Harpadon nehereus* or bombay duck), sukat (*Harpadon nehereus*), dry bombil (*Harpadon nehereus*), surmai (mackerel / *Scomberomorus guttatus*) and prawns. That saw live fishes how harvesting of fishes is carried out. They observed different type of Gear (nets) for fishery of fish like gill net, dol net & cast net. They also observed different types of crafts (Boats) for harvesting of fishes. They also observed how the fishes are stored in cool container and they are transport to local markets.

They get information how fishery is useful for rural development and development of tribal peoples in nearby area. As well as fishes are rich source of protein, they also provide minerals, carbohydrate and fats.



ACKNOWLEDGMENT

We are heartily thankful to Head Department of Zoology Dr. B.K. Tapale, Dr. L. L. Wale , Prof. R. N. Kasar, Prof. Miss. M. D. Dhage and Prof. Miss. S. M. Bhoir were Organised the educational tour , We are also thankful to our principle Hon. Prof (Dr.) B.Y.Deshmukh Sir. For giving permission and their time guidance and inspiration.

Thank You!