

2022-23

## Department of Zoology

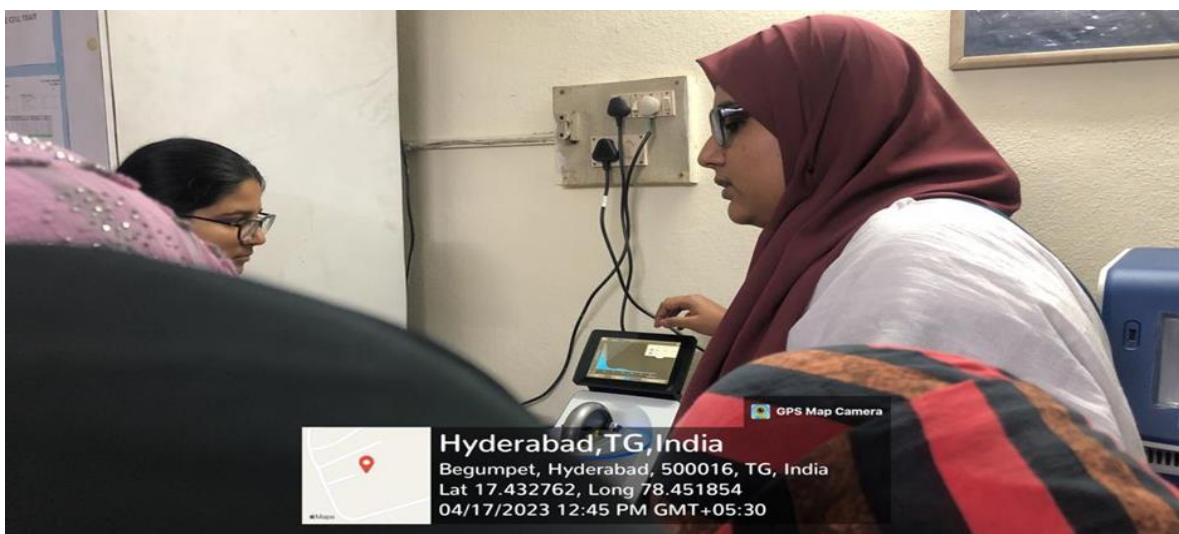
### Educational trip

#### Study report

As per the curriculum demand the students of BSc life sciences Second year were taken to Institute of Genetics and Hospital for Genetic Disorders, Osmania university, Hyderabad On 17.04.2023 Part of the trip, Dr .M. L. Deepika, Assi, Director ,IGHGD has given orientation for the students about the institution and the current research at the institute and also various cases of Genetical abnormalities were explained to the students.



Students were also exposed to the various laboratory Equipment for the diagnosis of gene abnormalities and also the immune technical equipment were shown to the students and explained the working mechanism by the research scholars.

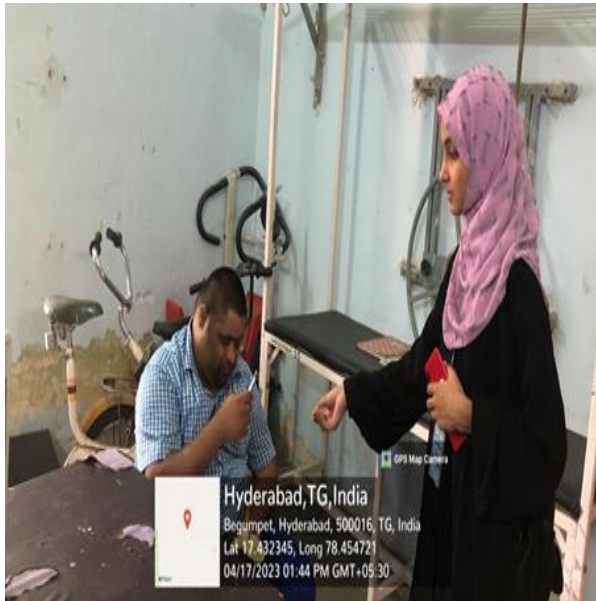


- Scholars explained about the working mechanism of various instruments like
  1. PCR
  2. AUTOCLAVE
  3. ELISA -TECHNIQUES
  4. BLOTTING TECHNIQUES
  5. KARYOTYPING

And also given introduction about pedigree analysis and also genetic counselling.

- Dr .M. L. Deepika, Assi, Director ,IGHGD explained about the ongoing research and courses offered to the students by the institution.
- Students were enlightened to know the complete information about the genetical abnormalities and counselling session.
- To implant the value of Social conscious, Human values and Moral responsibility among the students. They were taken to the **Special Education Center for the Mentally Handicapped, Hyderabad**. Students distributed fruits and chocolates for them. They spent some joyful moments with the specially abled children. And they have come across the skills of the children for their livelihood.





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