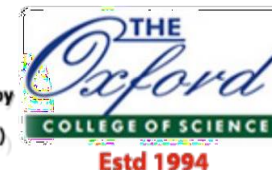


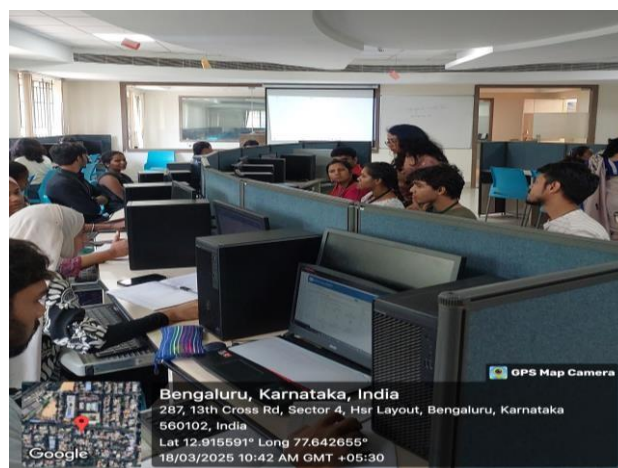


# The Oxford College of Science

Recognized by the Government of Karnataka, Permanently Affiliated to Bangalore University, Approved by AICTE, New Delhi, Accredited by NAAC with "A+" Grade in Cycle III  
International Accreditation Organization (IAO) & LSSSDC, Recognized by UGC under section 2(f) & 12 (B)  
Support by DST under FIST Program, Recognized by GoK for BISEP (Formerly BTFS)



## DEPARTMENT OF ZOOLOGY AND GENETICS



**Event: 'IN SILICO ANALYSIS OF HUMAN GENOME WITH BIOINFORMATICS TOOLS'**

**Date & Time: 18-03-2025**

**Venue: Computer Lab (Room no: 108), TOCS**

**Co-ordinators: Dr Deepa Gopinath, Assistant Professor, Dept. of Zoology & Genetics, TOCS**

**Resource Person: Dr. Nimmi Haridas, Application Scientist, Cirist Ecosystem, Kochi**

The Department of Zoology and Genetics organized a workshop on ***In Silico* Analysis of Human Genome with Bioinformatics Tools** for final year UG Genetics and 4<sup>th</sup> semester UG Zoology students aimed at introducing them to fundamental concepts and applications in biological data analysis. The workshop covered key topics such as sequence alignment, molecular databases, phylogenetic analysis, and computational tools used in bioinformatics. Hands-on training sessions allowed students to explore online databases like NCBI, BLAST, and multiple sequence alignment tools. The interactive sessions enhanced student's understanding of how bioinformatics aids in genetic research, evolutionary studies, and biodiversity conservation.