



**MANGALORE UNIVERSITY**  
**DEPARTMENT OF BIOSCIENCES**  
**MSc BIOTECHNOLOGY**

**BTP 509    BIOINFORMATICS AND BIOSTATISTICS**

**Course outcome**

The student will:

- learn about biological databases
- learn to retrieve sequences
- carry out analysis including phylogenetic tree construction and molecular modelling
- get hands-on training in biostatistics

Biological databases - BLAST, FASTA

Restriction mapping

Mean SEM, Histogram

Student's t-test

ANOVA

