

# GUJARAT TECHNOLOGICAL UNIVERSITY

## Biomedical Engineering

### M.E. Semester: II

Subject Name: **Introduction to Bioinformatics (Interdisciplinary Elective-II)**

Sr. No.	Course Content
1.	Overview and Challenges in Bioinformatics
2.	Molecular Biology and Information
3.	Bioinformatics Databases
4.	Open source Languages for Bioinformatics
5.	Sequence and Structure Alignment
6.	Protein Structure Prediction
7.	Similarity Searching

#### Reference Books:

1. Bioinformatics Methods And Applications  
-S. C. Rastogi, PHI
2. Bioinformatics for dummies  
-Jean-Michel Claverie, Cedric Notredame For Dummies, 2007