



Training in Genetic Engineering

Module I : Basics of Genetic Engineering

Module II: Basics of Bioinformatics

- Tools literature and database access
- Data mining – GENE BANK
- Blasting Techniques
- Sequence Alignment

Module IV: Recombinant DNA Technology

- Plasmid Isolation
- Electrophoresis
- DNA Isolation (Gene)
- DNA elution from Gel
- Preparation of Vector DNA and insert DNA
- Restriction digestion
- Ligation of gene
- Competent Cell Preparation
- Transformation
- Screening of transformed cell

Module V : Polymerase chain reaction (PCR)

Module IV : Isolation of recombinant protein

Module V : Project Report

This training will be through a project work

Service Charges: Rs 8,000/-

Duration : 30 Days