



Summer / Winter Training in Pharmaceutical Science

Key Features:

- Hands on Experience on various pharmaceutical techniques
- Multidisciplinary training under one roof
- Hands on experience on various biotech techniques in one month only
- Introduction to Microarray , PCR , Real Time PCR , Microarray , Gel Doc , Spectrophotometer , HPLC etc

Module I: Basics of Laboratory

- Handling of Instruments
- Laboratory Safety Protocols
- Calibration of Instruments
- Basic Biochemistry
- Preparation of Solutions
- Functions of chemicals & solutions

Module II: Microbiology Techniques

- Identification , Isolations and storage of Pathogens
- Preparation & Plating of Bacteriophage
- Testing of Antibiotics

Module III: Molecular Techniques(RDT)

- Plasmid Isolation
- Competent Cell Preparation
- Restriction Digestion
- Gel Elution
- Transformation

Module IV: Immunology Techniques

- Immuno Electrophoresis
- ELISA

Module V: Basic Tissue Culture

- Preparation of media for PTC
- Root & Embryo Culture

Eligibility: Any student of Life Science or Pharmacy Stream

Admission: May to July & Nov to Jan

Service Charges: Rs 8,000/-

Duration: One Month