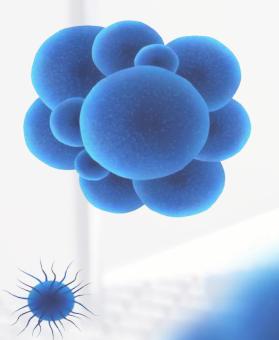
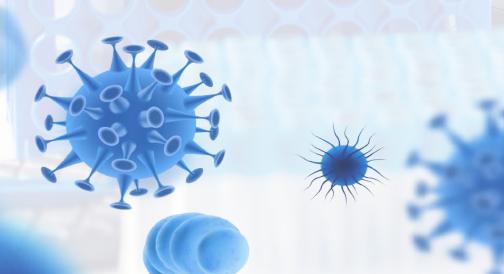


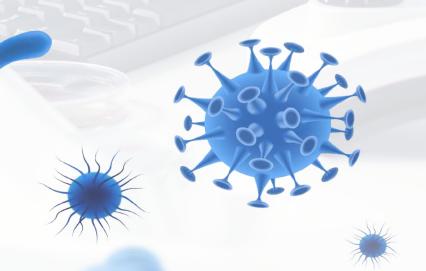
Objectives of Training & Projects are:

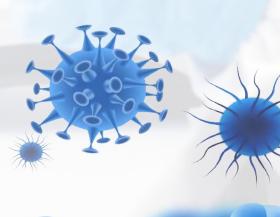
- Students are provided training and individual exposure to each Instrument and Applications which helps them to gain Technical knowledge, thus improve their job prospects.
- The curriculum offered covers the entire spectrum of Biotechnology and Microbiology.
- It aims at understanding how research tools and experimentation can be exploited to understand questions of fundamental significance in the field of Life Science.

Eligibility: B.Sc/M.Sc/BTech/MTech – BioTechnology / MicroBiology /
Biochemistry, BE Biotech, Pharma graduates, Research Scholars,
Medical Students, Dental Students.



















Projects:

Calculations, Preparation of reagents and buffers, Media,
Genomic and Plasmid DNA isolation, RNA isolation, Quantification,
Agarose gel electrophoresis, PCR, Restriction Digestion, Ligation,
Preparation of competent cells, Transformation, Screening for
Recombinant Cells, Conjugation.



Projects You Will Be Working Upon:

- Isolation Screening & Production of Biopesticides from natural & commercial strains like BtK, Btl etc.
- Production of Industrially important Enzymes from commercial microorganisms [Isolation & Screening can be done from natural resources].
- Production of Antibiotics from commercial fungal & bacterial sources
 [Natural isolation and screening can be done].
- Production of Secondary metabolites from selected microorganisms.
- Production of therapeutically important molecules.
- Research studies on Quorum sensing in Plant & Animal microbial pathogens
- Screening & identification of keratinase producing bacteria from various natural habitats
- Production of restriction endonucleases from commercial bacterial sources
- Production of L Asparaginase
- Production of Biofungicide

OUR AUTHORIZED TRAINING & CERTIFICATION PARTNERS





