

Training Curriculum

“Hands on training on techniques in Molecular Biology and Bioinformatics” to M.Sc
(Life Science) students from 15.05.2019 to 25.05.2019

Isolation of nucleic acids, Spectrophotometry, Agarose Gel Electrophoresis.

Molecular markers and data analysis.

Recombinant DNA technology – competent cell preparation, ligation, transformation and recombinant selection.

Gene isolation – Sequence retrieval, primer designing, PCR amplification, gel elution, sequencing and sequence analysis using bioinformatics tools

Molecular modeling and docking