

Industrial Biotechnology Training
Immunotechnology (Specialized)
Session 2021-2022

Module Content
Introductory Lecture - Demonstration of Instruments, Laboratory mathematics, Good Laboratory Practices and Safe Handling of Biomedical Waste
Determination of Blood group
DOT-ELISA
Immunodiffusion Techniques <ul style="list-style-type: none">i. Radial Immunodiffusion Technique(RID)ii. Ouchterlony Double Diffusion Technique (ODD)
Immunoelectrophoresis Techniques <ul style="list-style-type: none">i. Rocket Immuno-electrophoresis Technique (RIEP)ii. Counter Current Immuno-electrophoresis Technique (CCIIEP)
Chromatographic techniques (Affinity Chromatography, Ion exchange chromatography & Size exclusion chromatography)
Separation of serum and plasma Isolation of Serum Protein by Salting out Method.
Serum Protein profiling by SDS- PAGE.
Western Blotting
Presentation, Report Submission and Viva voce