



Department of Biotechnology		LP: BT18712
B.E/B.Tech/M.E/M.Tech : Biotechnology	Regulation: 2018	Rev. No: 01
PG Specialisation : NA		Date: 03.07.2023
Sub. Code / Sub. Name : BT18712/Immunology Laboratory		

Session No*	List of Experiments
CYCLE-I	
1	Maintenance and handling and immunization.
2	Bleeding and separation and preservation.
3	Raising of antibody and purification of antibody.
4	Isolation of Peripheral blood mononuclear cells. Isolation of monocytes from blood.
5	Western blotting.
CYCLE-II	
6	Enzyme-linked immunosorbent assay.
7	Visualisation of B-cells, T-cell using Immunofluorescence.
8	Immunoprecipitation using agarose/magnetic beads.
9	Commercial Diagnostic strip test.
10	MTT assay.
11	Demonstration of FACS.
Content beyond syllabus (if any): Isolation of monocytes from blood	

* Session Duration: 200 minutes





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COURSE DELIVERY PLAN - LABORATORY

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Sub. Code / Sub. Name: **BT18712/Immunology Laboratory**

	Prepared by	Approved by
Signature		
Name	Dr.J.Isaivani	Prof. Dr. E.Nakkeeran
Designation	Assistant Professor	HEAD OF THE DEPARTMENT /BIO
Date		
Remarks* :		
Remarks* :		

* If the same lab plan is followed in the subsequent semester/year it should be mentioned and signed by the Faculty and the HOD