



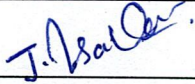
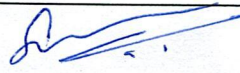
<b>Department of Biotechnology</b>		<b>LP: BT18712</b>
<b>B.E/B.Tech/M.E/M.Tech : Biotechnology</b>		<b>Regulation: 2018A</b>
<b>PG Specialisation</b>	<b>: NA</b>	<b>Rev. No: 01</b>
<b>Sub. Code / Sub. Name</b>	<b>: BT18712/Immunology Laboratory</b>	<b>Date: 03.07.2024</b>

<b>Session No*</b>	<b>List of Experiments</b>
<b>CYCLE-I</b>	
1	Maintenance and handling and immunization.
2	Bleeding and separation and preservation.
3	Raising of antibodies and purification of antibodies.
4	Isolation of Peripheral blood mononuclear cells and isolation of monocytes from blood.
5	Western blotting.
<b>CYCLE-II</b>	
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



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

	Prepared by	Approved by
Signature		
Name	Dr. J. Isaivani	Prof. E. Nakkeeran
Designation	Assistant Professor	Professor & Head of the Department
Date	8/7/24	8/8/24
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

P.K. B...