

Programme: M.Sc. (Microbiology)

Course Code: MIO 111

Title of the Course: IMMUNOLOGY [P]

Number of Credits: 1

Effective from Academic Year: 2018-19

Prerequisites	Basic knowledge of pathogens, blood and principles of immunology.	
Objective:	Hands-on practice for various techniques used in immunology.	
Content:		(24)
1.	Haemagglutination for Blood grouping ABO and Rh system	
2.	Immunodiffusion slide technique	
3.	Agglutination tests for <i>Salmonella</i> -antigens	
4.	ELISA	
5.	Rapid tests – Malaria antigens Pv/Pf, IgM/IgG antibodies for Dengue, Hepatitis HBsAg	
6.	Rheumatoid Arthritis Factor determination	
Pedagogy:	Experiments in the laboratory	
References/ Readings	As given under Theory Course MIO 106-T	
Learning Outcomes	Apply techniques in immuno-diagnosis.	