

**Programme: M.Sc. (Microbiology)**

**Course Code: MIO 115**

**Title of the Course: RESEARCH METHODOLOGY [P]**

**Number of Credits: 1**

**Effective from Academic Year: 2018-19**

<b>Prerequisites</b>	Basics of microbiology laboratory techniques is necessary.	
<b>Objective:</b>	This course develops the experimental approach, designing of experimental protocols, presentation of data and viva voce.	
<b>Content:</b>		<b>(24)</b>
1.	Literature survey on a given research area.	
2.	Designing an experiment with respect to a given objective.	
3.	Experimental work.	
4.	Presentation of data.	
5.	Technical writing.	
6.	Literature survey on a given research area.	
<b>Pedagogy:</b>	Experiments in the laboratory	
<b>References/ Readings</b>	As given under Theory Course MIO 108-T	
<b>Learning Outcomes</b>	Skills to design an experiment and process the data acquired and successfully report the observations in the form of a scientific report/manuscript/thesis.	