

Semester	7 and 8		
Course Code:	MIBI 43868		
Course Name:	Research Project		
Credit Value:	8		
Core/Optional	Core		
Hourly Breakdown	Theory	Practical	Independent Learning
	-	-	800 hrs
Course Aim/Intended Learning Outcomes:			
Upon successful completion of this course student will be able to;			
<ul style="list-style-type: none"> • Understand and analyze relevant scientific literature to identify the given research problem, • Design and develop research methodologies to carry out the assigned project scientifically, • Analyze resulting data and interpret them scientifically, • Critically evaluate his/her scientific findings to make conclusions and effectively communicate the findings into a scientific community. 			
Course Content:			
An individual research topic related to the field of microbiology will be assigned to each student, to carry out a scientific research. Students should conduct a detailed literature survey on the topic. They are required to plan and execute their experimental design on the project under the supervision and guidance of the senior academic staff member(s) of the department. The data generated should be analyzed and interpreted scientifically to present orally (oral presentation) and in writing (dissertation).			
Teaching /Learning Methods:			
Under the supervision and guidance of the senior academic staff member(s) of the department, students will be assigned to carry out a research project. Students are needed to submit the research plan/ design of the project, before the commencement of the laboratory work. By the end-of the academic year, final dissertation should be submitted to the department. Student should present his/her research findings and will be evaluated by a panel of examiners from the department.			
Assessment Strategy:			
Continuous assessment of the student's performance and research skills, Evaluation of the final dissertation and oral presentation.			
Continuous Assessment 10 %	Final Assessment 90%		
Details: Performance evaluation: 10%	Theory (%) 0	Practical (%) 0	Other (%) Dissertation: 60%; Oral Presentation: 30%
Recommended Reading:			
<ul style="list-style-type: none"> • A collection of research articles, reviews and book chapters in peer-reviewed journals/ books with relevance to the assigned research topic. 			