

<b>Semester</b>	6		
<b>Course Code:</b>	MIBI 32556		
<b>Course Name:</b>	Industrial Training in Microbiology <sup>1</sup>		
<b>Credit Value:</b>	6		
<b>Core/Optional</b>	Optional/ Core <sup>1</sup>		
<b>Hourly Breakdown</b>	Theory	Practical	Independent Learning
	N/A	480 hrs (Industrial Placement)	60 hrs
<b>Course Aim/Intended Learning Outcomes:</b>			
Upon successful completion of this course, students will be able to; <ul style="list-style-type: none"> <li>Apply the laboratory skills gained through all previous MIBI courses, in microbiology-related industries.</li> <li>Integrate their theoretical and practical knowledge to solve real-world problems.</li> <li>Develop their social and cultural values with a diverse learning experience.</li> <li>Develop following generic skills needed to work in the real world of work:                         <ul style="list-style-type: none"> <li>Oral communication skills, Communication in writing, Leadership skills, Learning new skills &amp; procedures, Ability to work in a team and to collaborate with people from diverse backgrounds, Decision making, Problems solving techniques, Adapting knowledge to new situations, Ability to work with minimum supervision.</li> </ul> </li> </ul>			
<b>Course Content:</b>			
The course is designed to cover following major aspects: application of theoretical and practical knowledge obtained through other MIBI courses in different microbiology-related industries such as food, dairy, pharmaceuticals, cosmetics, agriculture and etc. Principles of management. Concept of entrepreneurship in microbiological and other biological-resource based industries. Development of laboratory and generic soft skills needed for real work world.			
<b>Teaching /Learning Methods:</b>			
Training under the supervision and guidance of a suitable trainer from a relevant industry/ institute/ organization approved by the department for 480 hours.			
<b>Assessment Strategy:</b>			
The performance of the students will be evaluated using a combination of following methods: In-course evaluation, evaluation of the oral presentation/ viva-voce examination, evaluation of the student's final technical report, evaluation of the daily diary/ daily journal maintained by the student during the period of the internship and evaluation of the progress report submitted by the trainer.			
<b>Continuous Assessment</b> 05%	<b>Final Assessment</b> 95%		
Details: In-course evaluation – 5%	Theory (%) -	Practical (%) -	Other (%) Evaluation of the daily diary: 10% Final technical report: 35% Oral presentation: 40% Trainer's report: 10%
<b>Recommended Reading:</b>			
<ul style="list-style-type: none"> <li>Materials relevant to the assigned industry/ organization/ institute as instructed/ recommended by the course coordinator and the industrial trainer</li> </ul>			

<sup>1</sup> Compulsory only for the students who follow B. Sc. (Honours) Degree in Microbiology