

Course title: Biotechnology laboratory – Part 1			
Course code: BBP 105	No. of credits: 7	L-T-P: 7-0-196	Learning hours: 203
Pre-requisite course code and title (if any): None			
Department: Department of Biotechnology			
Course coordinator: Prof. Shashi Bhushan Tripathi		Course instructor: Prof. Shashi Bhushan Tripathi / Prof. Anandita Singh /Dr.Chaithanya Madhurantakam/ Prof. Ramakrishnan Sitaraman/ Dr. Souren Paul	
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Course type: Core		Course offered in: Semester 1	
Course description: The objective of this laboratory course is to introduce students to experiments related to biotechnology. The course is designed to teach students the utility of set of experimental methods in biotechnology in a problem-oriented manner.			
Course objectives:			
<ol style="list-style-type: none"> 1. To introduce the students to standard techniques of molecular biology and GLPs (good laboratory practices). 2. To impart intensive hands-on-training using molecular tools in a research project mode. 3. To train the students in designing experiments with appropriate controls. 			