

### DOWNSTREAM PROCESSING LABORATORY

Semester	Subject Code	Category	Lecture	Theory	Practical		Credits
IV	21CPBT42	Core Practical - V	0	0	4 hrs per week	120	4

#### COURSE OBJECTIVES

To create an opportunity to students for experimentally testing the principles and concepts studied in respective theory.

#### LIST OF EXPERIMENTS

1. Conventional filtration
2. Centrifugation in batch and continuous centrifuge
3. Cell disruption
4. Protein precipitation and its recovery
5. Ion-exchange chromatography
6. Membrane based filtration-ultra filtration in cross flow modules and micro filtration
7. Adsorption process in batch and continuous mode

#### Syllabus Designer:

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