

Lab Facilities

Lab Name : Biochemical Engineering Lab
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Bil	Nama Alatan	Kegunaan
1	Autoclave	For biological material sterilization
2	Freezer and refrigerator	For experimental material store
3	Reactor Vessel for Sludge Treatment 100L	for sludge treatment in a controlled condition
4	2L, 5L, 10L Bioreactor	For fermentation process
5	Water Proof Auto Ranging Con-Meter	For pH, fluidity and temperature analysis by using a quartz
6	Centrifugation unit	For separation of mixed material or microbes
7	Microscope	For object observation at a big scale
8	Incubator	For microorganism reproduction
9	Water bath	For a uniform cooling and heating reaction process
10	Fume cupboard	A ventilated box with an adjustable work opening (sash) which reduces exposure and properly provides adequate protection
11	Normal incubator	For reproduction of microorganism
12	Shaking incubator	For reproduction of microorganism in shaking condition
13	Water distiller	For water distillation
14	Oven	For material heating
15	Bioreactor	For microorganism-related processes reaction
16	Sterilization unit	For material sterilization
17	Cold room	For biochemical material store
18	Fermenter	For fermentation
19	Weighing balance	For material weight measurement