



DEPARTMENT OF BIOTECHNOLOGY
ADVANCED BIOPROCESS LABORATORY
LAB CODE: 481173L1

Branch: M.Tech Biotechnology

Year/Sem: II year/ ODD SEM

Academic Year: 2021-22

LIST OF EXPERIMENTS

S.NO	TITLE OF THE EXPERIMENT
1	BATCH GROWTH KINETICS OF <i>BACTERIA</i> -
2	EFFECT OF SUBSTRATE CONCENTRATION ON GROWTH OF <i>E.COLI</i>
3	EFFECT OF TEMPERATURE ON ENZYME ACTIVITY
4	EFFECT OF PH ON ENZYME ACTIVITY
5	ENZYME IMMOBILIZATION KINETICS – GEL ENTRAPMENT
6	ENZYME IMMOBILIZATION – CROSS LINKING
7	ENZYME KINETICS – MICHELIS-MENTON PARAMETERS
8	PRODUCTION OF WINE
9	DETERMINATION OF K_{LA} BY SODIUM SULPHITE OXIDATION METHOD
10	DEMONSTRATION OF A FERMENTOR AND ITS COMPONENTS
11	CENTRIFUGATION
12	AMMONIUM SULPHATE PRECIPITATION
13	SIMPLE DISTILLATION
14	BATCH SEDIMENTATION
15	LIQUID – LIQUID EXTRACTION

A. J. H.

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