



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



VINAYAKA MISSION'S
RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)



Accredited by NAAC



Approved by AICTE

DEPARTMENT OF BIOTECHNOLOGY

17BTCC88-GENETIC ENGINEERING LAB

LIST OF EXPERIMENTS

Expt: No	Name of the Experiment
	GENERAL GUIDELINES FOR WORKING IN GENETIC ENGINEERING LAB
1.	ISOLATION OF DNA FROM PLANT
2.	ISOLATION OF DNA FROM ANIMAL
3.	ISOLATION OF FUNGAL DNA
4.	β -GALACTOSIDASE SELECTION USING IPTG AND X-GAL
5.	SINGLE AND DOUBLE DIGESTION OF LAMBDA DNA WITH RESTRICTION ENZYMES
6.	LIGATION OF DNA
7.	GFP CLONING
8.	POLYMERASE CHAIN REACTION
9.	SOUTHERN HYBRIDIZATION
10	PROTEIN SEPARATION BY SDS- PAGE

HOD/BIOTECH