

(Coordinator-Deepak Sharma)

1. Building of a model of BDNA	PCR/KN
2. Preparation of competent <i>E. coli</i> cells	-do-
3. Transformation of competent <i>E. coli</i> cells with plasmid DNA	-do-
4. Isolation of plasmid DNA and agarose gel electrophoresis of DNA	-do-
5. Restriction enzyme digestion of DNA	-do-
6. Polymerase Chain Reaction (PCR) of DNA	-do-
7. Expression of foreign protein in <i>E. coli</i>	-do-
9. Plant tissue culture I	SC
10. Plant tissue culture II	-do-
11. Plant tissue culture III	-do-
12. Basic principles of animal tissue culture	SKG/NM
13. Immunology experiment I	NP
14. Immunology experiment II	-do-
15. Immunology experiment III	-do-
16. Microbe symbiosis experiment	ASK
17. Infectious organisms: demonstrations (Microscopic) <i>Candida</i> , <i>Leishmania</i> , <i>Plasmodium</i> , <i>Entamoeba</i>	ABn
18. Plant physiology I	AN/AP/SC
19. Plant physiology II	-do-
20. Plant physiology III	-do-
21. Plant physiology IV	-do-
22. Electrophysiological recordings: action potential, EEG, etc	SKJ/ACM

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