

**II SEMESTER M.SC., ZOOLOGY
HARD CORE 4**

ADVANCED CYTOGENETICS PRACTICALS	64 HRS
1. Demonstration of Leukocyte culture	4X 2
2. Karyotyping of Human chromosomes	4X 2
3. Study of meiotic chromosomes in mouse/rat	4X 2
4. Study of meiotic anomalies and their implications in gametogenesis	4X 3
5. Law of segregation	4X 1
6. Law of independent assortment	4X 1
7. Inheritance of Sex linked genes	4X 1
8. Polyacrylamide gel electrophoresis(Proteins and isozymes)	4X 3
9. Immunodiffusion	4X1

