

PRACTICALS (HARD CORE COURSES)

BTP 457 MOLECULAR BIOLOGY

Course outcomes:

After successful completion of the course, students will be able to:

CO 1. Acquire basic technical knowledge in molecular biology

CO 2. Understand development of models for cancer biology

CO 3. Learn techniques of histology of different tissues

CO 4. Learn tools and techniques used in developmental biology using suitable examples

Autoradiography to study the structure of molecules

Induction of tumors and its prevention

Structure of sperms and eggs

Spermatogenesis (e.g. grass hoppers)

Chick and *Drosophila* developmental stages

Histological identification of germ layers of developing embryos

Induced breeding in fishes

