**Histolohy-Cytology –I) BVOMLT-404**

Unit I

Introduction to Histology

Introduction to Histology & Cytotechnology

Basic terminology, Laboratory equipment for histology and cytology, Use and care of frequently used equipment, Preparation of reagent solutions

Unit II

Tissue Processing

Lab techniques in histology: Tissue Processing

Logging of specimen, preparation of tissues , processing of tissues , Frozen section technique , Handling and embedding of small tissue fragments.

Unit III

Staining Procedures

Lab techniques in histology: Staining Procedures

Routine staining procedure in histotechnology , special stains and staining techniques , stains for particular substances

Unit IV

Instrumentation in Histocytotechnology

Instrumentation in Histocytotechnology

Autoanalyser, Tissue Processor, Microtome