

Hands on Training on "Microtomy"

21st October to 21st November,

Session 2020-21

Department of Zoology of St Aloysius College(Autonomous), Jabalpur organized hands on training on microtomy on 21 October to 21 November. Microtomy is a technique which yields thin tissue sections for microscopic examination of internal structure. The ultimate goal of microtomy in a histology laboratory is to produce slides that are free of artifacts and errors. As one of the most essential skills a histotechnologist can acquire, microtomy bridges the process between specimen collection and microscopic analysis. After embedding routine histological sections are cut using the microtome. At the end of this chapter, each student should be able to;

1. Define microtomy.
2. Know the parts of microtome.
3. Name, describe, and differentiate the types of microtome.
4. Discuss rotary and sliding microtome operation.
5. Understand the care of microtome.
6. Discuss paraffin block or "chuck" preparation and properties before cutting and sectioning.



