

### Syllabus: Basics of Laboratory Practice

#### Course Content

- General aspects of laboratory safety: Ethics of laboratory practice.
- Laboratory safety: Common lab accidents their prevention and their first aid.
- Bio-Medical Waste Management: Legal Aspects and Environment Concern.
- Sample preparation and processing: Clinical sample- collection, transport and processing.
- Sample Documentation: Flowchart of lab diagnostic procedures and documentation of specimen in laboratory.

#### Reference:

1. Laboratory Techniques in Organic Chemistry by Jerry R. Mohrig, David G. Alberg, Gretchen M. Adams, and Christina Noring Hammond
2. Laboratory Manual of Biology by K.S. Gopalakrishnan
3. Laboratory Techniques and Instrumentation by S. Venkateswaran
4. Basic Laboratory Techniques and Instrumentation by Harish Kumar

