

LAB MANUAL

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Chapter 1

Laboratory Manual- General Guidelines

Responsibilities of the Lab In-Charge/Lab Technician:

1. Lab should be equipped with the emergency equipment in case of accidents like Fire or Spills. Fire Extinguishers, eyewashes, emergency shut-offs and evacuation procedures must be in place.
2. First aid provision must be there in each lab.
3. Lab should have a list of emergency contact numbers in case of medical emergency, and it should be placed on the notice board of the lab.
4. Supplies for minor spills must be readily available in the lab.
5. Proper waste disposal bins/procedures must be there in the lab.
6. Chemicals or hazardous material must be stored safely in the lab with proper labelling.
7. All Lab technicians must be trained to use the lab safety equipment, and to provide first aid to the students, in case of accidents.
8. Lab technicians must develop and maintain a manual with concise step by step written procedure for experiments / practical that are high risk in nature
9. Wherever possible, additional experiments must be performed by lab faculty to clarify a particular practical.
10. Lab technicians must ensure that protective equipment, if required, for any practical, must be worn by the students.
11. Name of Lab technician and other staff must be there on the notice board along with Lab time table, and general safety rules for the students.

TO READ / KNOW MORE

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