

Sacred Heart College(Autonomous), Tirupattur-635 601

PG and Research Department of Chemistry

General Precautions used in the Laboratory

The Undergraduate and postgraduate students are expected to follow appropriate precautions while doing experiments in the laboratory. The precautions are as follows:

1. The students are asked to wear a proper attire and personal protective equipment's for eyes and hands. In general, students are asked to wear only cotton dresses for the laboratory. All students are expected to wear a cotton over coat in order to protect them for chemical hazards and accidents in the lab.
2. The students are instructed to learn the layout of the lab for entry and exits during the time of emergency or accidents. They are expected to know the first aids for simple mishaps and the fire extinguishers and the usage at times of emergency.
3. The students are instructed to use the chemicals with care and follow recommended procedures for transferring, measuring and mixing them. All the chemicals used in the laboratory must be labelled properly and should be replaced in appropriate place after the using the same.
4. Hazard, toxic and volatile substances must be used inside the fume hoods. The exposure to these chemicals must be reduced. The fume hoods must be check for its condition frequently.
5. The disposal of wastes must be done according to the guidelines and safety measures followed in the laboratory. The wastes are separated and labelled differently and discard them accordingly.
6. The students are expected to know the usage of the safety equipment's and emergency procedures used in the laboratory. In case of any accidents, the students are expected to inform the lab supervisor or the relevant qualified faculty to assists in the first aid procedure.
7. Students are not allowed to eat or drink inside the laboratory in order to avoid accidental ingestion of hazardous substances.

8. Students are advised to clean the working place so as to avoid the cross contamination of chemicals for their experiments.
9. The electronic equipment's and apparatus must be used with proper supervision and inspection. Any malfunction in the instruments must be reported immediately to the faculty in charge of the lab.
10. The students should not perform any unauthorized experiments other than the experiments in the labs.
11. Students must wash the hands, face, and eyes before leaving. Also the students must avoid any horseplay or pranks in the lab that compromises the safety.

Praaveen Peter

Lab Director

DIRECTOR OF LAB
DEPT. OF CHEMISTRY
SACRED HEART COLLEGE

[Signature]
Principal

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