

DISASTER MANAGEMENT

MICRO PLAN

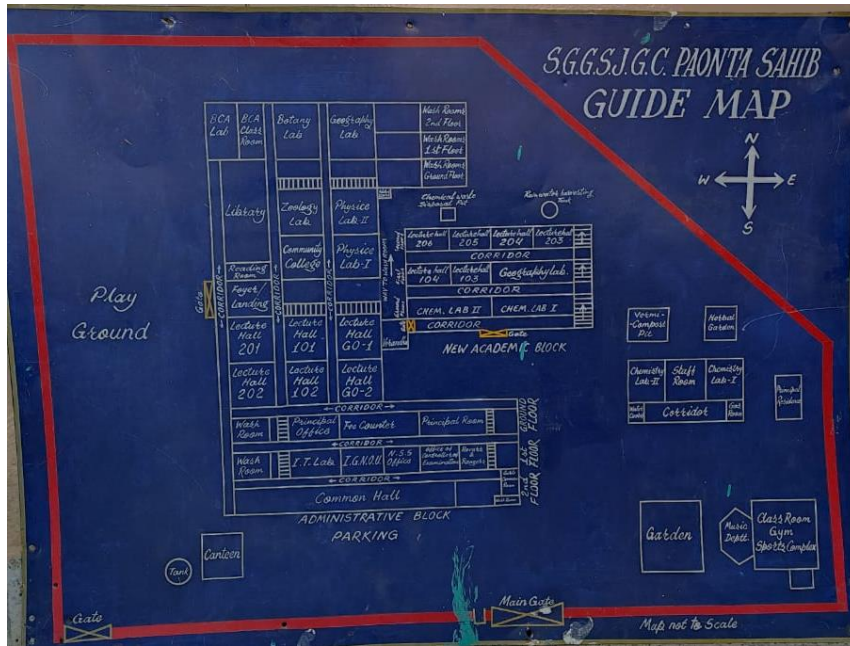
DEPARTMENT OF CHEMISTRY

SGGSJ GC PAONTA SAHIB

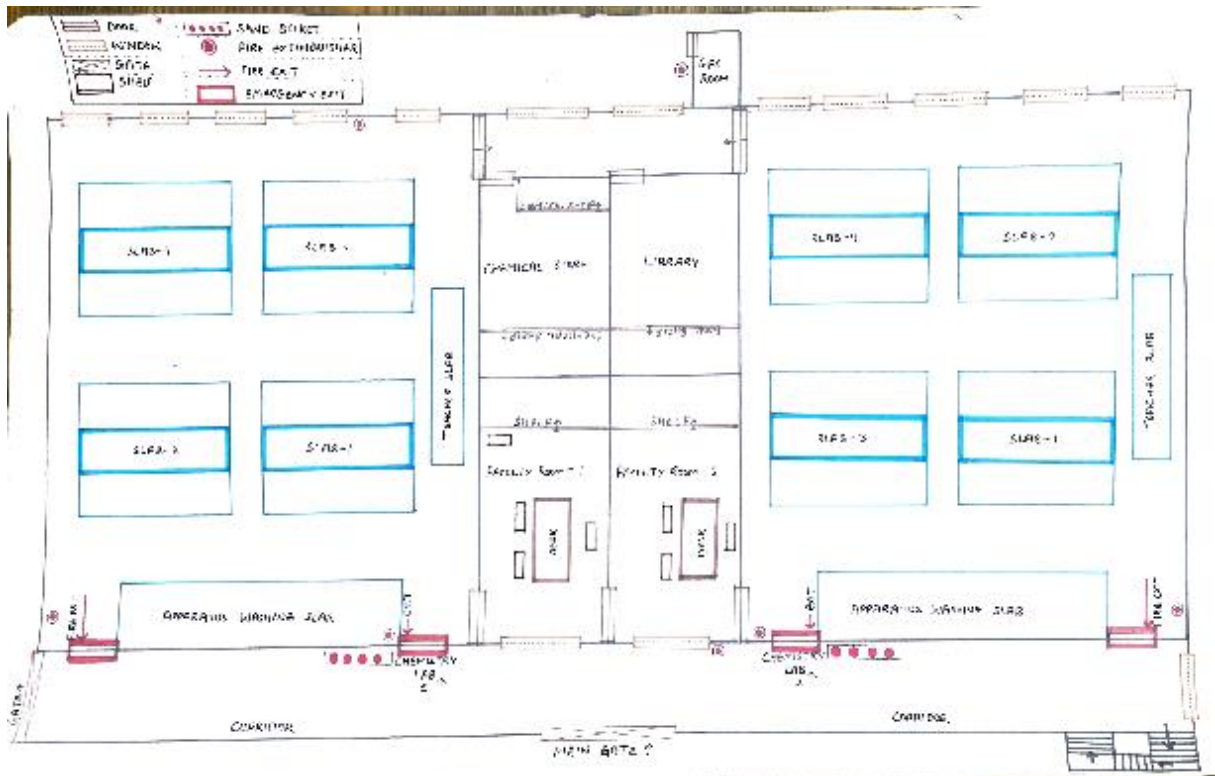
SESSION 2022-23

Ms. Amita Joshi (H.O.D.)

Dr. Pooja Bhati



College Map



Department of chemistry Map Prepared by Ashish Chaudhary (B.Sc. student)

Map of Department of Chemistry

Vulnerability Assessment:

1. Gas pipeline installed throughout both the labs for the heating purpose during the experiments.
2. Hazardous chemicals present in both the labs and lab store to be used for practicals.
3. Chemical Waste Pit: present behind the chemistry department.



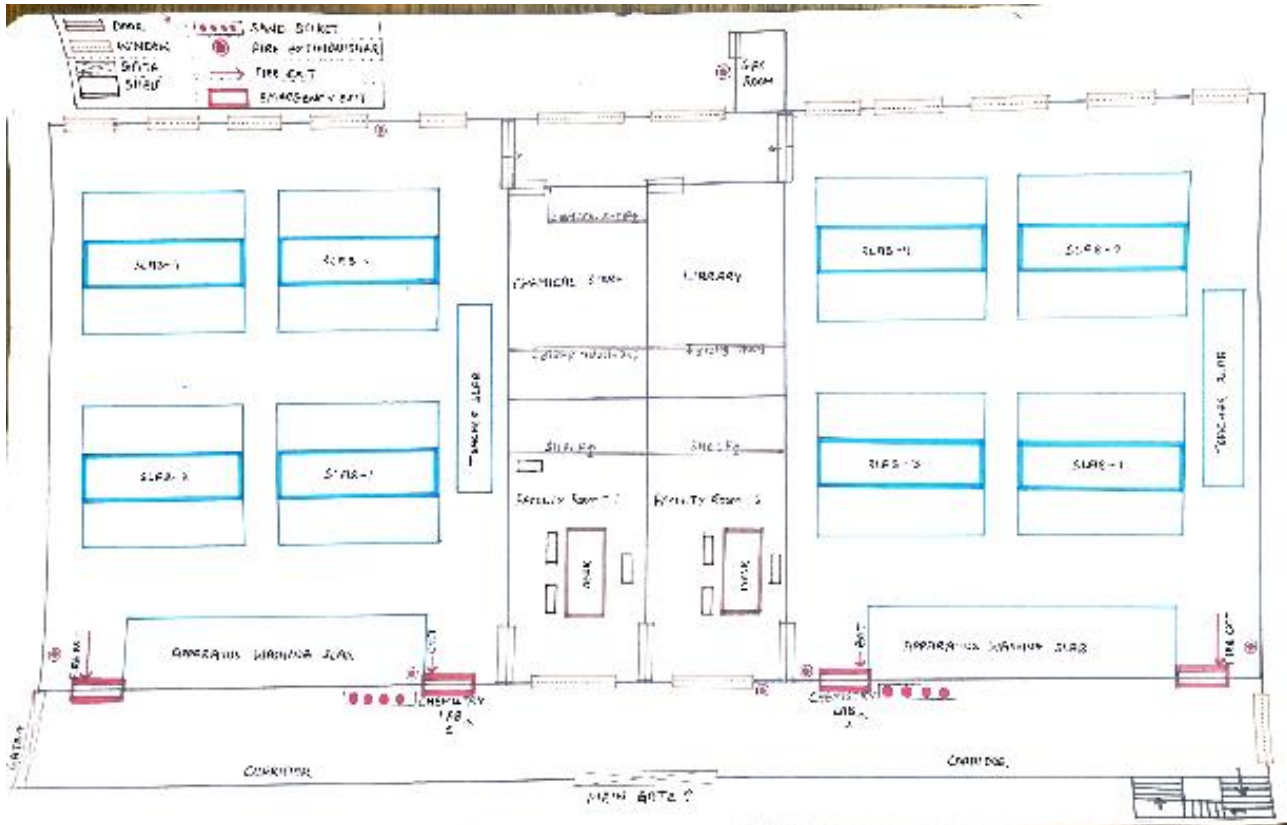
4. Gas Room having LPG gas cylinders for use during the Chemistry lab experiments of B.Sc. students.



Mitigation Measures adopted by the Department to avoid or treat any untoward incident in the Department:

1. Evacuation Plan:

An evacuation plan has been displayed in both the labs for possible routes of vacating the labs during any fire outbreak in the lab.



2. **Committees** have been formed for Disaster Management in the Department as follows:

- i) Fire safety committee.
- ii) Chemical safety committee.
- iii) Cuts and Burns mitigation committee.

The committees are briefed about all the mitigation measures to be carried out by them at the time of any kind of disaster.

3. **Wet Jute Bags** are always kept ready for any type of fire disaster.

4. A **Dedicated First Aid Corner** is made in the lab where a bedding arrangement is made in case any student faints during the practicals and a first aid box is available having ointments for burns, band aids for cuts, glucose etc.



5. **Emergency Helpline no.** have been displayed in both the labs.

EMERGENCY HELPLINE NUMBERS

1. National Emergency No. - 112
2. National Disaster Management Authority - 1078
3. Himachal Pradesh State Disaster Management Authority - 1070
4. District Disaster Management Authority - 1077
5. Police - 100 - 01702-222522
07650042322
6. Fire - 101 - 01702-222500
7. Ambulance - 108 - 102
8. Covid Helpline - 104
9. Electricity Helpline - 1800-180-8060 - 1912
01704-222314
10. Civil Hospital - 01704-222172 - 223127

OTHER IMPORTANT NUMBERS

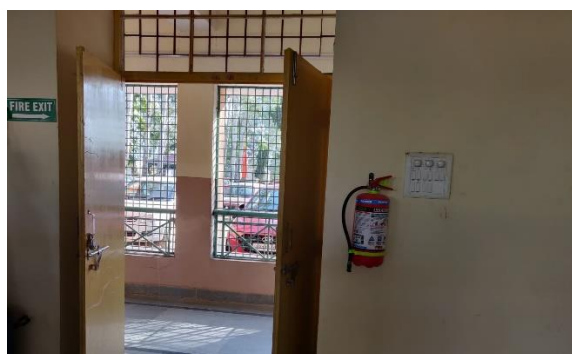
1. Principal Office - 01704-223357
2. Prof. Vimmi Rani Convener Disaster Management Cell - 9418104929
3. SDO Civil (SDM) - 01704-224100
4. XEN Electricity - 01704-265100
222325
5. Executive Officer M. C. Office - 01704-222164
6. HP Pollution Control Board - 01704-265070
7. Gudiyaa helpline Number - 1515
8. Heshiyar Singh Helpline No.-1090
9. Shakti App.

College Disaster Management Cell
G.D.C Paonta Sahib

6. **2 Sets of 4 Sand Buckets** each have been installed outside both the labs for any acid-base spills or fire accidents.



7. **7 ABC type Fire extinguishers** have been installed inside and outside of both the labs.



Committees formed to control any kind of untoward incident:

1. Fire safety committee:

Sr. No.	Name	Class/ Roll No.	Mobile No.
1.	Vinit	B.Sc. III/ 2200730113	8219669539
2.	Dheeraj	B.Sc. II/ 2210730023	
3.	Taniya	B.Sc. III/ 2200730108	
4.	Kavita	B.Sc. I/ 22451024	

2. Chemical safety committee:

Sr. No.	Name	Class/ Roll No.	Mobile No.
1.	Juned	B.Sc. III/ 2200730031	

2.	Vishakha	B.Sc. II/ 2210730101	
3.	Yunas	B.Sc. I/ 22401024	
4.	Kajal	B.Sc. III/ 2200730034	

3. Cuts and Burns mitigation committee:

Sr. No.	Name	Class/ Roll No.	Mobile No.
1.	Kajal	B.Sc. III/ 2200730034	
2.	Neha	B.Sc. I/ 22451026	
3.	Ashish	B.Sc. II/ 2210730017	
4.	Yunas	B.Sc. I/ 22401024	

The committee members are well aware of the mitigation measures and the availability of the material.

Awareness Generation and Sensitization activities:

1. **Mock Drills:** Lab safety and Fire Safety mock drills are carried out in the department. The students of the department attend the Disaster Mock Drills that are organized in the college.
2. **Detection of MSDS Labels on the chemicals stored in the lab:** The students are engaged in understanding the MSDS Labels of the chemicals used in the Labs.
3. **Lab Safety Week:** The students are made aware of all the kinds of possible disasters in the department and mitigation measures that can be taken.



Response- Ways of mitigating untoward incidents:

1. Well ventilated labs.
2. Use of protective devices to reduce contact with chemicals.
3. Proper area to wash hands with soap and water.
4. Proper cleaning and sanitation procedures.
5. Proper labelling of chemicals.
6. Dedicated space for unlabelled chemicals
7. In case of acid spills, swallowing of chemicals and eye contamination, students have been made well aware of the mitigation measures and charts have been displayed at appropriate places.
8. Training of lab personnels on chemical safety hazards.
9. Directions for Main power shout down in case of any shot circuit.

Future Proposals:

1. A proposal for installation of sprinkle water system in the Department of chemistry has been given by the Disaster Management Cell of the college.
2. The installation of eye wash station will also be proposed in both the chemistry labs.
3. A Chemical fumehood will be proposed to prevent harmful exposure when working with hazardous chemicals in lab.