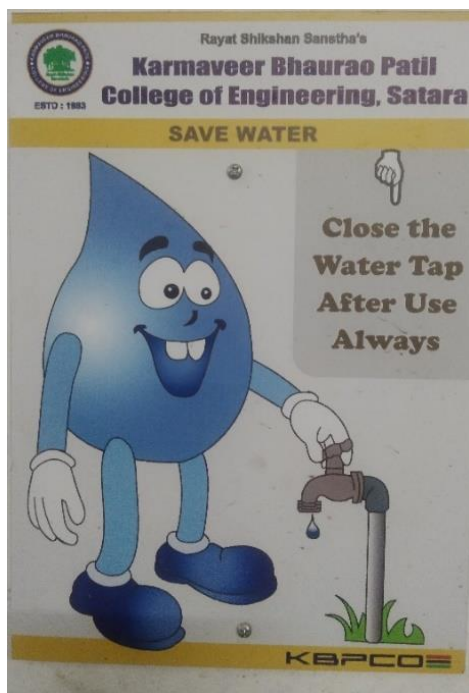
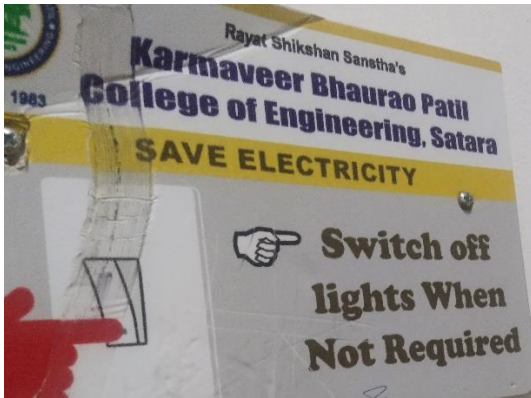




Rayat Shikshan Sanstha's
Karmaveer Bhaurao Patil College of Engineering, Satara
Department of Civil Engineering

Safety Measures in Laboratories





**Rayat Shikshan Sanstha's
Karmaveer Bhaurao Patil College of Engineering, Satara
Department of Civil Engineering**

Safety Measures in Laboratories

Laboratories: Maintenance and Overall Ambience

Regular check-up of equipment is carried out at the end of every semester.

- All equipment's are calibrated annually by a third party while in-house calibration is checked at intervals of one month.
- Breakdown register is maintained in the laboratories.
- As per the requirement minor repairs are carried out by the technical staff or faculty member.
- Maintenance of computers is taken care by CIF.
- Major repairs are outsourced by following the procedure of the institute.

Overall Ambience

All laboratories are equipped with modern equipment's to meet the requirement of curriculum.

- Laboratory manuals are prepared and are available in soft and hard copy.
- Laboratories are provided with specific technical charts and informative display boards.
- All laboratories are well furnished.
- Laboratories kept open beyond office hours as per the need.
- All laboratories have sufficient natural light, good ventilation with tubes and fan arrangement.
- Safety measures are provided with fire extinguishers and emergency exit.
- Overall ambience of laboratory is very good.



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Safety Measures in Laboratories

Safety measures in laboratories

| Sr. No | Laboratory Name | Safety Measures |
|--------|--------------------------------|--|
| 1 | Engineering Mechanics | Sanitizer |
| 2 | Transportation Engineering | Sanitizer, Hand Gloves, Gum Boots, Bandages, Dettol, Cottons, Fire Extinguishers |
| 3 | Environmental Engineering | Hand Gloves, Bandages, Dettol, Cottons, Fire Extinguishers |
| 4 | Hydraulics Laboratory | Sanitizer, Hand Gloves |
| 5 | Surveying Laboratory | Bandages, Dettol, Cottons, |
| 6 | Geotechnical Engineering | Hand Gloves, Gum Boots |
| 7 | Concrete Technology Laboratory | Sanitizer, Hand Gloves, Gum Boots |
| 8 | Strength of Material | Bandages, Dettol, Cottons, |
| 9 | Engineering Geology | Sanitizer, Hand Gloves, Dettol, Cottons, Bandages |
| 10 | Computer Lab | Sanitizer, Fire Extinguishers |

| | |
|--------|--|
| DO's | <ol style="list-style-type: none">1. Be on time. At the start of the lab period, there will be a short introduction to the experiment you will perform that day.2. Inform the instructor if there is a problem. You will have their immediate attention if you have cut yourself (even if you consider it minor), if something broke and needs cleaning up, or if you are on fire.3. Be aware of all the safety devices. Even though the instructor will take care of emergencies, you should know where to find the first aid kit.4. Wash your hands before you leave the lab for the day.5. Be aware of others in the lab. Areas of the room may be crowded at times and you should take care not to disturb the experiments of others in the lab.6. Bring your lab notebook and an open mind to every lab meeting. |
| DON'Ts | <ol style="list-style-type: none">1. Do not eat, drink, chew gum, smoke or apply cosmetics in the lab.2. Do not put any minor parts of lab equipment in your mouth.3. Do not use cell phone during performance of experiment inside the lab. |