

Science laboratory at a Glance

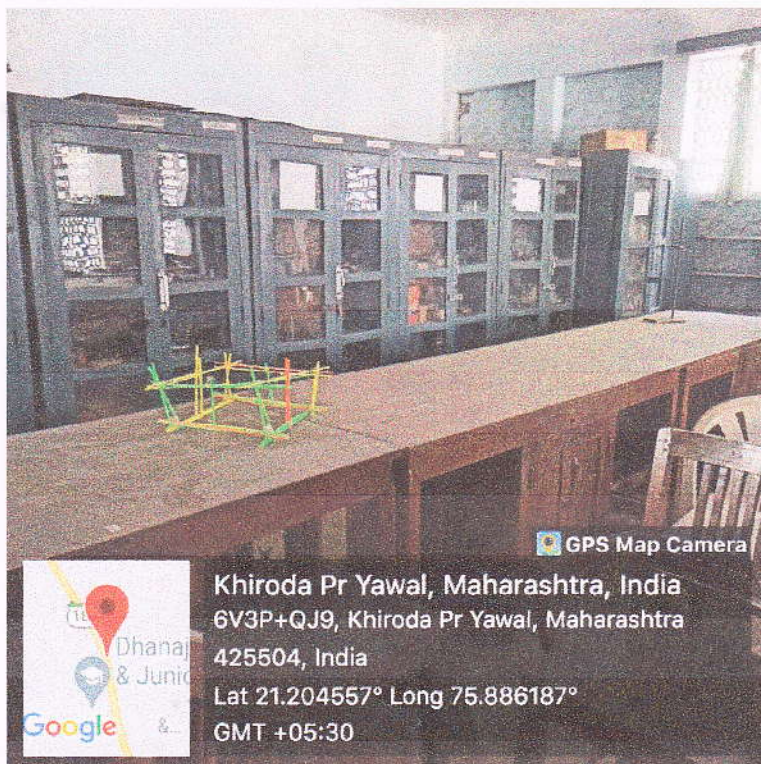
Introduction: Science laboratory is a workplace where scientific research, experiments or measurements are done. Science laboratory is a place where basic experiments, skills are learnt by systematically performing experiments by their own hand. Science lab equipments allow students to interact directly with the data gathered. They get a first hand learning experience by performing various experiments and allow student teachers to interact. Science laboratory supplies teaching and learning material for both student and teacher easily and smoothly.

Objectives:

- 1) Science laboratory helps the teacher to introduce variety into nature of experiments.
- 2) Student teachers are encouraged to device and prepare apparatus as a scientific attitude.
- 3) The application of science to everyday life is made more evident.
- 4) It helps student teachers to develop scientific interest to learn science.
- 5) It provides training to student teachers resourcefulness and manual skills.
- 6) To develop and inculcate scientific attitude and research
- 7) To develop skills of handling apparatus and experiments
- 8) To develop skills of minute observations and conclusions.

Advantages:

- 1) Students teacher are made capable to use the models, apparatus and understand different scientific theories and concepts.
- 2) It makes the teaching and learning process effective, experienced based and enjoyable.
- 3) It makes the student teachers enable to perform and demonstrate experiments.
- 4) It enables the student teachers to observe experiments minutely and makes more punctual or accurate conclusions.




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