

General Instructions for B.Tech Physics Lab

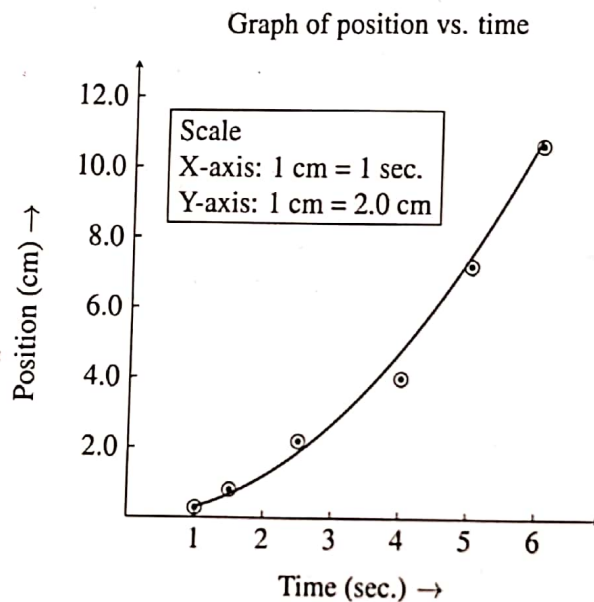
1. Attendance will **not be** marked after 10 minutes of the start of class.
2. Use of mobile phones for calculations or any other purpose is **strictly prohibited**. Scientific calculators must be employed for all calculations.
3. Spend quality time to read the manual of the allotted experiment before performing it.
4. Maintain a **separate notebook** to note down the readings of the experiment and get them verified by the concerned TA.
5. Only one experiment will be checked every week by the concerned Teacher.
6. Maintain proper decorum in the lab at all times.
7. After performing your experiments, complete your practical files.
8. **Do not write on the manuals.**
9. Guidelines to write on left and right page of practical files.

Blank (Pencil only)	Lines (Blue pen only)
Aim	Aim
Apparatus	Apparatus
Diagram	Theory
Observations	Procedure
Graph	
Calculations	Precautions
Results	Results

Manuals are available on www.nitj.ac.in/physics/downloads → Manuals.

How to make graph

Following is a sample graph.



Following should be kept in mind while making the graph:

- Graph title
- X- and Y-labels, along with units
- Scale should be for both axes, along with appropriate units
- **How to plot data:** Make a small dot and a small circle around it
- Draw a smooth curve, do not join data points individually
- Do not move data points to fit on the curve