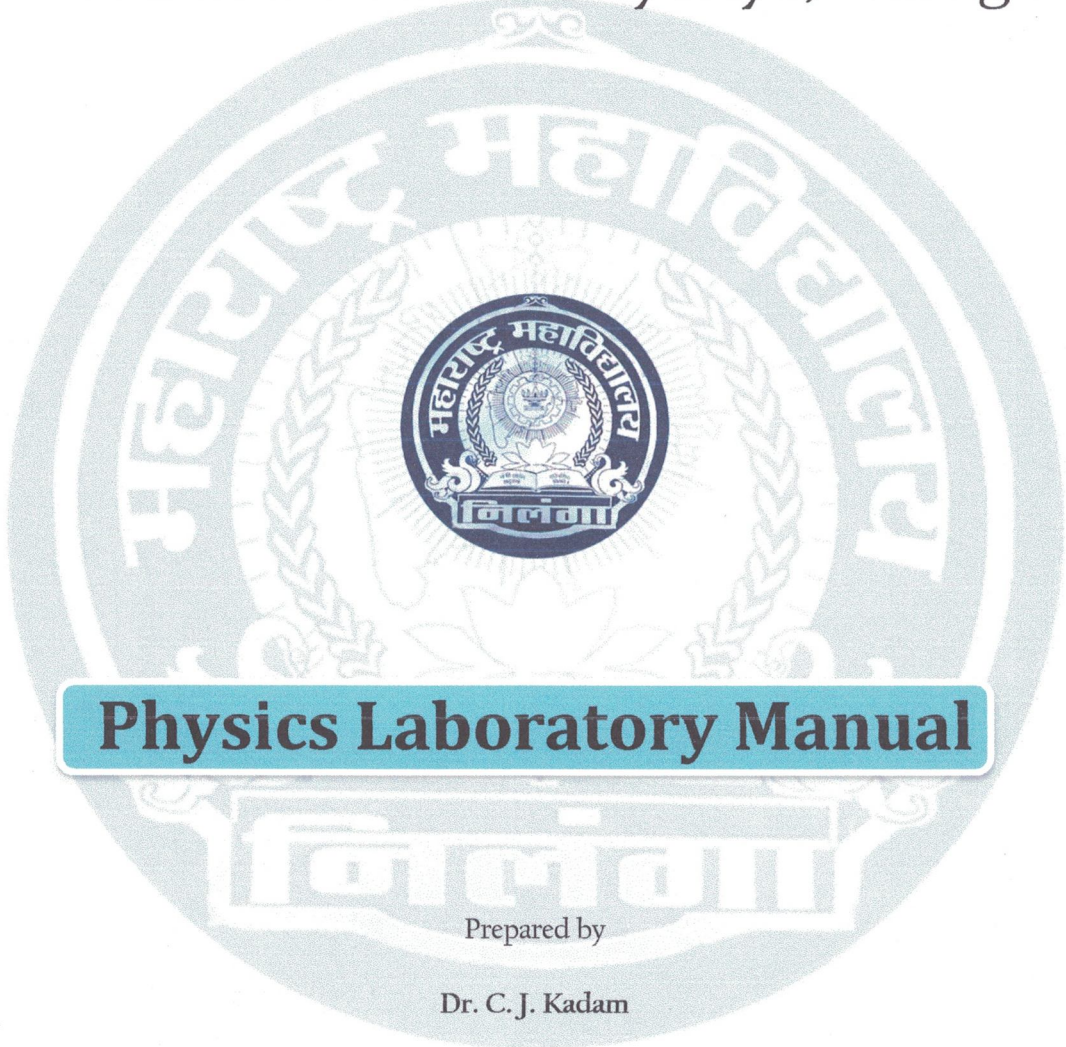


Maharashtra Shikshan Samiti's

Maharashtra Mahavidyalaya, Nilanga



Physics Laboratory Manual

Prepared by

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PHYSICS LABORATORY MANUAL

Department of Physics , M.M. Nilanga, was established in June 1986. Now it has four faculty members. This department is equipped by Spectroscopy, Electronics, & General Laboratory equipment's. Since last five years, student strength of the department varies in between 80-120. Maximum number of equipment's are very fragile and some are made up of glassware, so they need to be handled very carefully , Without knowing operating manuals, it will lead to the destruction of the equipment which cannot be replaced immediately from our local markets. Hence, Department of Physics has formulated certain guidelines on the students behavior while moving in the Department, handling the Physics equipment & performing the Laboratory work. The Do's and Don'ts concerned with students behaviors in the Physics Laboratory are as listed below.

Do's

- In the entry level to the B.Sc. Physics Course , all the students have to go through the 07 day's workshop on “ KNOW THE PHYSICS LABORATORY ” conducted by the Department of Physics, MMN, & get the certificate of importance of Laboratory Manual , from the Head of the Department.
- Students are informed to write their name and time of entry and the time of going out from the Department on a daily register.
- While performing the laboratory work of a particular title, concerned students are asked to go through the equipment details, read the manual & get it's information from the experts.
- Students have to draw the circuit diagram, make the circuit connections and get it checked by the experts before switching it on.
- First reading of any experiment / equipment is tested and got it checked by the concerned Teacher and then only proceed for the next higher recordings.

- Students are instructed to record very accurate readings whereas bluffer's & cheaters are discarded.
- Once students have started their laboratory work on an experiment , then they have to continue for all sets of readings , without leaving the ongoing experiment.
- Students must have to show observations, calculations & results on the same day of the experiment performed.
- Students must have to keep silence in the laboratory, maintain cleanliness. every individual has to assure that unwanted energy use/ over usage of energy is avoided.
- Student must have to adhere with the academic time table flashed on the notice board.
- Students while leaving out the Laboratory should switch off the main switch of the electrical supply board.
- Equipment's / items in the Physics Laboratory is a National property , it should not get broken/destroyed/lost , and keep track that these equipment's should be prolonged and continued to the next generations.

Don'ts

- Students are not allowed to enter in the laboratory without identity card.
- Students are not allowed to mobile phones in the laboratory.
- Students are not allowed to throw the waste paper's in the laboratory.
- Students , while sitting in the Physics laboratory without their Practical work are not permitted to touch the settled experiments in front of them, on the table.
- Students are not allowed to be accompanied with non-B.Sc. (not from Physics group) students in the Laboratory.
- Do not switch on the equipment in the laboratory without prior permission of the experts.

- Chewing of tobacco, spitting in the laboratory , smoking cigar's etc. such type of vulgar activities are not permitted in the Physics laboratory , if found so , they will be severely punished.

V- Emergency contact numbers:

- 1) Head of department- 8275454224
- 2) Lab-Assistant- 7517353517
- 3) Hospital- 08055735121
- 4) Fire Service- 101
- 5) Ambulance- 108

Policy Signed by



Principal

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