

## **Safety regulations in Physics Laboratory –I and Biophysics Laboratory**

Incorrect and incompetent use of equipment located in Physics Laboratory can cause various kind of body shock and could also damage to equipment, so it is necessary to comply to safety regulations:

1. Electrical circuits present in the exercises should be prepared in careful agreement with the given instructions.

**The student is not allowed to plug the power source to the assembled circuit without the instructor's permission!**

2. Be careful when doing mechanical experiments (especially with reversible swing).
3. Extreme caution is required in presences of source of heat, e.g. radiators and heaters. It is forbidden to touch these items and pour hot water on them.
4. During the operation of the laser it strictly forbidden to expose beam to the (uncovered) own eye or to eyes of other people in the laboratory.
5. Use extreme caution when working with reagents (in particular with concentrated acids and bases).
6. Take special care when working with radioactive isotopes. The radioactive materials must be properly placed under the counter.
7. All the devices related to the experiments can be used only in accordance with the conditions contained in the manual and instruction.
8. Light sources can emit harmful UV radiation. In this case it is necessary to use an appropriate cover shield.
9. Ongoing safety and health issues should be reported to the class tutor

These regulations were agreed with the Health and Safety services of the JK University in Kielce