

Projects for Radiation Physics course 1052455

It is hoped that some active work on the students' side could be achieved to encourage students to search for information on a certain subject and then organize this information in an interesting way and present it with explanation to their fellow students during lectures or lab sessions.

Each student should prepare an essay, as well as a presentation that explains the assigned subject in a clear, concise, and attractive way. There will be voting at the end of term for the best three projects. Those will be assigned 1st, 2nd, and 3rd places. The proposed subjects are part of the material that will be covered in this course. A tentative list follows:

1. Radioactive waste disposal
2. Radiation accidents
3. Dosimetry
4. Industrial applications of nuclear radiation
5. Neutron physics
6. scintillation detectors
7. nuclear fission reactors
8. nuclear fusion reactors

The project grading however, does not depend only on how good it is compiled, but also on how much you have understood the topic and how good your presentation is. The main concern being, preparing what you have been asked to prepare. If you present an essay or a poster on a different subject matter from the one allocated to you, your grade will be **zero** no matter how good your work is.