

Continuous Evaluation (Laboratory)

Paper II.5 Physics at work II: Deconstructing Device
Semester II, B.Tech. (IT & MI)

Instructions:

- a. Email your solved assignment to bbiswal@ducic.ac.in on or before 30.05.2020. You may submit multiple files but all attached in a single email.
- b. Mention the name of the Program, Semester, title of practical paper and name of the student at the top of each of the answer sheets before submission.

Assignment

1. Submit the scan copy of the index page of your laboratory file.
2. A company in Delhi with 1000sqm roof requested you to submit a proposal for installing a solar power system. Make a detailed proposal covering scientific, technical and commercial aspects of the project. (Refer <https://www.sunpeakpower.com/blog/solar-industry/solar-101-answers-18-solar-questions-all-business-executives-should-know>)
3. School students have common misconceptions about energy and solar power. Create a questionnaire to help them assess and overcome them.
4. List the ten most common faults reported on household electrical appliances and their remedies.
5. Create a hypothetical company to recycle electronics waste.
 - a. Explain the innovation.
 - b. Explain to product or service.
 - c. Create an investment pitch (Follow <https://guykawasaki.com/the-only-10-slides-you-need-in-your-pitch/>)
 - d. Create a complete business canvas (Follow <https://www.businessmodelsinc.com/about-bmi/tools/business-model-canvas/>)