

# INDIAN INSTITUTE OF TECHNOLOGY PATNA

## CS225/6- Switching Theory / Lab

### **Mini Project**

As agreed, the mini project carries 45% of the total CS225/CS226 (30% for Part 1 and 70% for Part 2). Out of 45, 20% will be credited towards CS225 and 25% towards CS226. Marked out of 100.

#### Part 1 (30%)

Design a new Lab experiment for CS226. Final submission should include Lab Experiment report and Demo. A good Lab report should contain the following: A clear and detailed written description (including all components) of the entire scope of work. Experimental results, and critical analysis. For example use Raspberry Pi/Arduino to take the inputs required for the experiment.

#### **Part 2: Mini Project (70%)**

In part2, you choose your own project idea. The mini project should probably analogous to an existing commercial product or fun electronics project.

Any item purchased for the mini project can be reimbursed from the department.

Proposal submission Deadline: 15<sup>th</sup> Feb 2018

Demo and Submission report: Due on 6<sup>th</sup> April 2018