

## **eSim Pilot Workshop Report**

Institution Name: CSE Department, IIT Bombay (BITS Lab)

Language: English

Date: 12 June 2019

Participants Count: 14

Organisers: Saurabh Bansode, Usha Viswanathan

This Report was prepared by Usha Viswanathan on Date: 16 July 2018.

Our team provided the VM image with eSim and the Spoken Tutorial CD content to BITS lab. Mr. Hitesh, system administrator of BITS lab installed it on the machines.

The workshop started at 5pm and ended at 8:30pm.

Total number of participants was 14( 6 IITB students, 5 FOSSEE fellows, 1 IITB staff, 2 Project staff members)

The Spoken Tutorial instruction sheets and the assignment sheets were distributed to all the participants.

A brief introduction about eSim and about its capabilities was given by Saurabh Bansode. Instructions on how to learn and practice eSim using Spoken-Tutorials and Side-by-Side method was given by Nancy Varkey.

Participants first viewed the Side-by-Side method video. Participants were given eSim Spoken Tutorials in English to practice. All the participants practiced 5 tutorials and the additional assignment given in the end.

After practicing the tutorials, the participants attempted the assignment given in the handout. They had to create a schematic of an Astable Multivibrator using Transistors and simulate it. Then they also did the PCB design and generated the Gerber files. A PCB of the same circuit was also given to them. They compared the simulation results with the output of the PCB. They filled a separate feedback on the eSim software. As three of the participants were from CSE department they were not able to do the PCB design. They listened and practiced the tutorials till the schematic creation and simulation.

Towards the end of the workshop, feedback forms on the Spoken Tutorials were distributed. All the 14 participants gave the completed feedback forms.