A REPORT ON “eSim FACULTY MEET - 2015”

ORGANIZED BY

AT

IIT BOMBAY POWAI

ON

22nd AUGUST 2015

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The FOSSEE project based at IIT Bombay has organized an “eSim - Faculty Meet” in which all the interested faculty members of all academic institutions across India. FOSSEE project is part of the National Mission on Education through ICT with the thrust area being "Adaptation and deployment of open source simulation packages equivalent to proprietary software", funded by MHRD, based at the Indian Institute of Technology, Bombay.

eSim is a Free and Open source EDA tool for circuit design, simulation, analysis and PCB design. It can serve as an alternative to commercially available/ licensed software like OrCAD, Xpedition and HSPICE.

The presentation was followed by a demo of eSim at IIT Bombay. This event’s goal was to avail the opportunity to get familiar with eSim. During this workshop, a demo of Sandhi, an open source alternative to LabVIEW was also given.

Prof. Alpesh Patel (OSTC Co-ordinator – E.E.E. & Electrical Dept.) and Prof. Hirak Shah have attended the Faculty Meet.

All the participants were provided with registration kit from 10:00 AM to 10:30 AM.
Then at 10:30 AM, an introduction to Open Source Software was given by Dr. Anant Motaliya.
After that Prof. Mahesh Patil gave a brief introduction to eSim Circuit Simulation software. Prof. Mahesh Desai talked about “Text Book Companion”, a venture by IIT to convert the Books examples in the Open Source Codes. Also they discussed about “Lab Migration Project”, in which any college/institute can convert their respective Labs in Open Source equivalent lab.

The following were the key points discussed:
- What is FOSSEE?
- Activities of FOSSEE
- Lab Migration Program
- Textbook Companion Program
- Introduction to SANDHI – Alternative to LABVIEW
- FOSSEE Laptop

After the presentation session of 1 hour, a tutorial and practical session showing the demo of the FOSSEE Laptop and the demos of eSIM & SANDHI and various other Open Source Software were shown.

Later on, there was a small interaction session regarding any doubts in any discussion. After the interaction session was over, there was arrangement of Lunch for all the participants with the valedictory function. So it was an overall very interesting Faculty Meet.