Spreading open Source Software

About FOSSEE

FOSSEE (Free/Libre and Open Source Software for Education) project is funded by the National Mission on Education through ICT, MHRD, Government of India. The FOSSEE team works on 'Adaptation and development of Open Source simulation packages equivalent to proprietary software', and is based at Indian Institute of Technology Bombay.
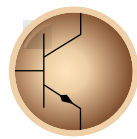
Projects

DWSIM

Scilab

R

Python

eSim

OpenModelica

CFD

Osdag

Activities

- Textbook Companions
- Lab Migration
- Workshops
- FOSSEE Forum
- Conferences
- Spoken Tutorials

Textbook Companion

The Textbook Companion (TBC) activity aims to port solved examples from standard textbooks using any Free/Libre and Open source software (FLOSS).

The objectives of this project are to:

- Make individuals learn FLOSS through a practical approach
- Provide a huge database of Textbook Companions as a learning resource
- Make it easy for users of such textbooks to start using FLOSS
- Improve the documentation available for FLOSS

Lab Migration

We help colleges to shift labs based on proprietary tools to FLOSS.

The Lab Migration team helps in:

- Coordinating lab migration to FLOSS only labs
- Providing solutions to the lab's problem statements
- Supporting workshops for faculty, students & staff

Participate in TBC & Lab Migration activities & earn attractive honorarium + certificate

Workshops

The FOSSEE team conducts workshops for faculty development to promote FLOSS in education. For self learning, we recommend you to use the Spoken Tutorials available on our web site.

FOSSEE Forum

FOSSEE Forum is a place where one can post all their doubts and questions which users / developers get while using any FLOSS.

Conferences

The FOSSEE team conducts conferences for students and faculty, to promote FLOSS in education. SciPy India Conference which is based on Python in scientific computing is conducted annually. FOSSEE also have conducted events in Scilab, Osdag, OpenFOAM etc.

Spoken Tutorials

A Spoken Tutorial is a screencast with running commentary, a recording of computer session created for self learning. Each Spoken Tutorial typically runs for a duration of approximately ten minutes. Using these Spoken Tutorials, SELF (Spoken Tutorial based Education and Learning through Free FLOSS study) workshops are possible.

1000+ Textbook Companions
100+ Spoken Tutorials
60+ Lab Migrations

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