3 Day Online Workshops on Free and Open Source Software
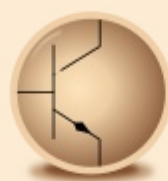
Registration starts on: 8 January 2021

Free and Open Source Software for Education (FOSSEE) in association with the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching' (PMMMNMTT) and the Spoken Tutorial (ST) project is arranging online workshops to enhance your profile and skills in this lockdown situation. Now anyone can learn some outstanding and extremely useful software at the comfort of their home through these workshops.

R for Data Science
R is a language and environment for statistical computing and graphics. R provides a wide variety of statistical and graphical techniques, and is highly extensible. R is an alternative to SPSS.

eSim
Create circuit schematic and simulate them. Design PCB of the circuit schematics. An alternative to OrCAD, Xpedition and HSPICE.

DWSIM
Perform chemical process simulation. Learn to create new compounds and custom models. An alternative to Aspen Plus, SimSci PRO/II.

ChemCollective Virtual Lab
The ChemCollective Virtual Lab is a simulation of a chemistry lab. It is designed to help students perform laboratory chemistry experiments.

Scilab
Perform numerical computations such as matrix and vector manipulations, solving differential equations, 2D and 3D plotting etc. and do model based simulations using Xcos. Scilab and Xcos are an alternative to Matlab and Simulink.

OpenFOAM for CFD
Solve a variety of computational fluid dynamics problems by setting up a simulation - from pre-processing and running a simulation to post-processing the results. OpenFOAM is an alternative to Ansys Fluent.

Software	Dates of Workshop
R	28-30 January 2021
eSim	11-13 February 2021
DWSIM	18-20 February 2021
ChemCollective Virtual Lab	25-27 February 2021
OpenFOAM	25-27 February 2021
Scilab	04-06 March 2021

Who can attend?
These workshops will be useful to the students, faculty, and working professionals from Engineering/Science/Social Science/ Business background.

Benefits
- Certificate for attending the 3 day workshop
- Extensive exposure to the software through practice problems and assignments
- Opportunity to interact with experts

Contact Us:
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For more details visit:
https://www.it.iitb.ac.in/nmeict/announcements.html

fossee better education

Spoken Tutorial

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

NMEICT National Mission on Education Through ICT