



DWSIM Workshop



29 - 30 May 2015



LH 101
IIT Bombay

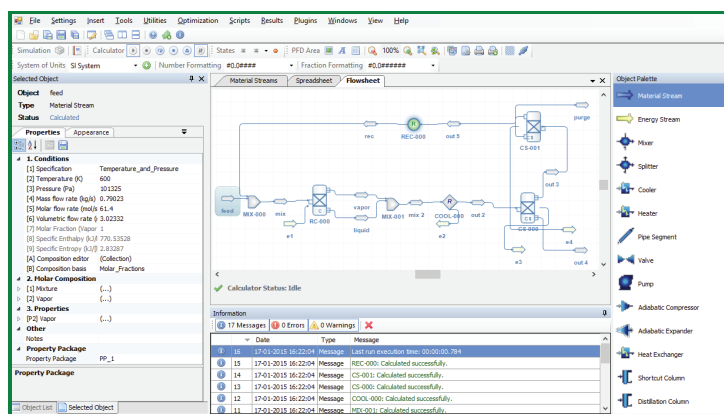
DWSIM

An Open Source Chemical Process Simulator

DWSIM is a Brazilian open source CAPE-OPEN compliant chemical process simulator. It allows chemical engineering students and professionals to better understand the behaviour of their chemical systems by using rigorous thermodynamic and models of unit operations.

Why DWSIM Workshop?

DWSIM is useful to teach the Principles of Chemical Engineering. It is also useful to solve industrial problems. The workshop provides an opportunity to download, install and learn DWSIM. You can also download Textbook Companions (http://dwsim.fossee.in/Textbook_Companion_Project) and practice them online or offline.



Tentative Schedule

| Day 1 | | Day 2 | |
|---------------|---|---------------|---|
| 08:30 - 09:30 | Registration | 09:30 - 10:30 | Registration |
| 09:30 - 10:00 | Inauguration/Introduction Talk - FOSSEE | 10:30 - 12:00 | Solving user defined problems |
| 10:00 - 13:00 | Installation of DWSIM Using DWSIM: Thermodynamics, Unit Operations Flow sheeting, Convergence, Custom modules using spreadsheet & report generation. | 12:00 - 13:00 | Presentation of already solved problems using DWSIM by the participants |
| 13:00 - 14:00 | Lunch | 13:00 - 14:00 | Lunch |
| 14:00 - 16:00 | Morning Session continues | 14:00 - 15:30 | Introduction to Open Modelica |
| 16:00 - 16:30 | Tea break | 15:30 - 16:00 | Tea break |
| 16:30 - 17:30 | A lab course on chemical process simulation using DWSIM | 16:00 - 17:00 | A Discussion and Conclusion |

Register at: dwsim.fossee.in/register_workshop



<http://fossee.in>

General Queries:

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dwsim.fossee.in



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