

# Online DWSIM Workshop

Registration starts on



10 August 2020

FOSSEE, IIT Bombay is arranging online workshops to enhance your profile and skills in this lockdown situation. Now anyone can learn niche engineering software at the comfort of their home through these workshops. There will be two levels of these workshops:

**ADVANCED**

DWSIM Workshop



25 August 2020

**BEGINNER**

DWSIM Workshop



29 August 2020

**DWSIM** is a free and open source chemical process simulator meant for modeling and simulation of chemical processes.

## ADVANCED

### Who can attend?:

Anyone who can solve a flowsheet (to be assigned by us) using DWSIM, within the stipulated time

### The workshop will cover the following topics:

- Overview of DWSIM
- Compound Creator Tool
- Custom Modeling
- Petroleum Characterization
- Heterogeneous Catalytic Reaction and many more...

### Benefits:

- Certificate for attending the Advanced Workshop
- Can get selected as TA for Beginner Level Workshop
- Learn to create hypothetical compounds
- Learn to create custom unit operations

## BEGINNER

### Who can attend?:

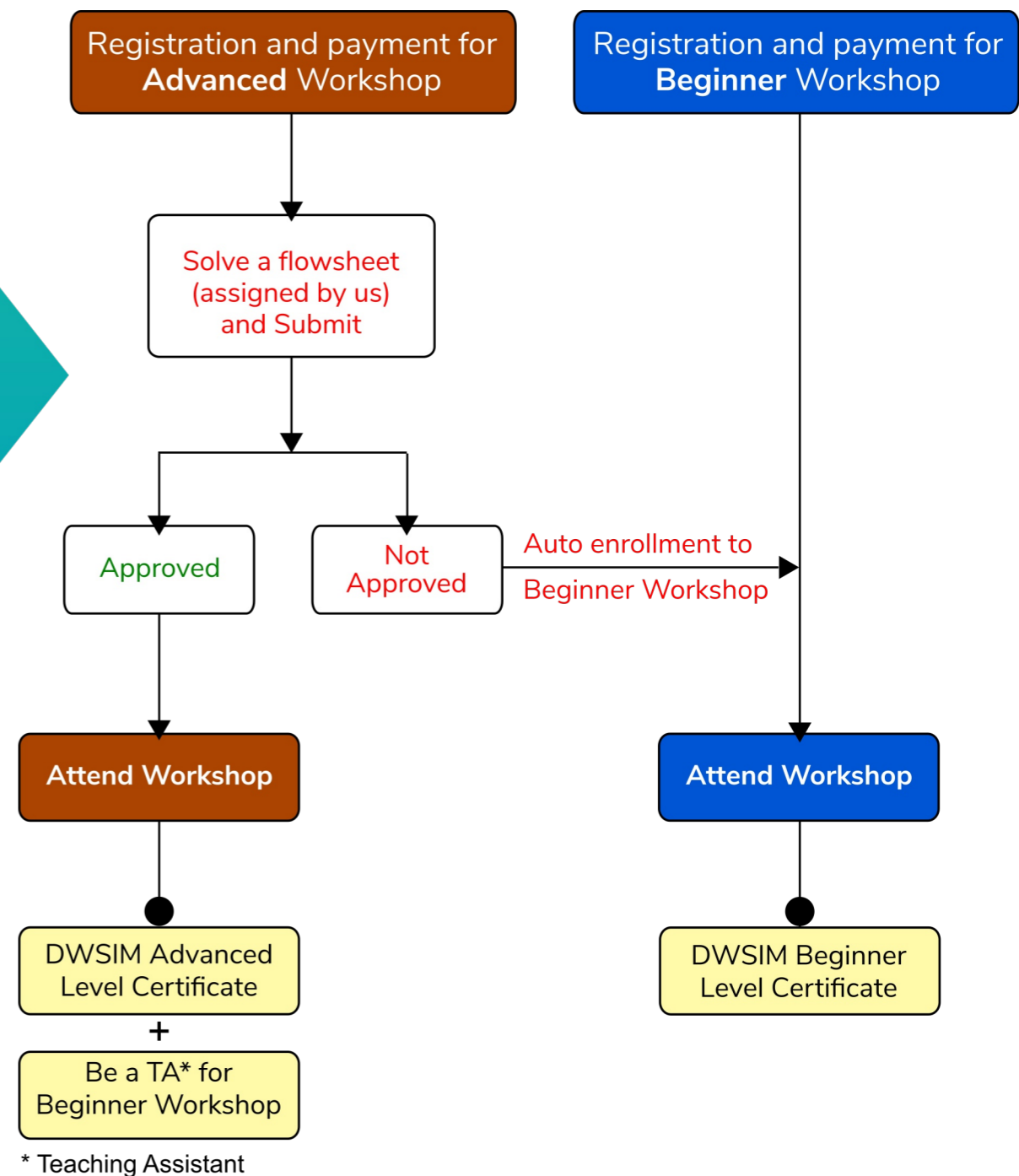
Anyone with basic chemical engineering concepts of mass and energy balance

### The workshop will cover the following topics:

- Creating Material Stream
- Reactors: PFR, CSTR, Conversion Reactor, Equilibrium Reactor, Gibbs Reactor
- Columns: Distillation, Chemsep, Absorption
- Sensitivity Analysis and Adjust
- Thermodynamic Calculations and many more...

### Benefits:

- Learn to simulate the most used and common unit operations present in a chemical plant.
- Learn to create a steady-state simulation of a process plant
- Certificate for DWSIM - Beginner level Workshop



Scan to Register



Contact us :  
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For more details visit:  
<http://www.it.iitb.ac.in/nmeict/announcements.html>

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