



**SEELO**<sup>TM</sup>  
Simulation Enabled Experiential Learning

**Student Login**



# Simulation Enabled Experiential Learning (SEEL)

## Empowering Students to Become Industry-Ready Innovators

**Visvesvaraya Technological University (VTU)** is one of India's largest technological universities, established in 1998 with the vision of delivering high-quality engineering and technical education through practical, industry-focused learning. The university brings numerous affiliated engineering colleges under a unified academic framework, fostering excellence in education, research, innovation, and skill development.

**VTU E-Learning (VTU-CDOE)** powers the Simulation Enabled Experiential Learning (SEEL) platform to help students strengthen their knowledge, technical skills, and industry readiness. SEEL is an advanced learning ecosystem that bridges the gap between academic concepts and real-world industry expectations. Through this platform, students can participate in courses, webinars, workshops, virtual labs, mock interviews, assessments, internships, and certification programs aligned with their department and areas of interest.

[Explore Skill Tests](#)[View Projects](#)

**Dr. S. Vidyashankar**

Hon'ble Vice Chancellor, VTU, Belagavi

📢 Announcement: VTU Even Semester Exa

[News & Announcements](#)[Webinars & Workshops](#)[Exams & Mock-Interviews](#)[Quick Links](#)



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🔴 Announcement: VTU Even Semester Exam Registration Open till April 15, 2025 | 🔴 Announcement: VTU SEEL I

### News & Announcements

**Exam** Jun 01, 2026

**VTU Examination Schedule for Even Semester 2026**  
VTU Examination Schedule for Even Semester 2025.. The even semester examination schedule for all UG/...

**Workshop** Jun 01, 2026

**VTU in collaboration with Dhio Research organizing a 5-day...**  
VTU in collaboration with Dhio Research organizing a 5-day workshop on Ansys

**Academic** Jun 01, 2026

**VTU Internship Fair 2025 - Registration Open**  
Top companies are participating in the VTU internship fair scheduled for June 2026..

View All

### Webinars & Workshops

**Webinar** Jun 22, 2026

**Webinar on Non-Metallic (HDPE/GRP/FRP) Pipe Stress Analysis...**  
Join this technical webinar focused on the stress analysis of non-metallic piping systems, including...

**Workshop** Jun 29, 2026

**Two days hands-on-workshop on Hyperelastic Material Modellin...**  
About WorkshopFor many ideally elastic materials, linear elastic models as per the Hook's law do not...

**Workshop** Jul 02, 2026

**Certification Course on Low-Frequency Electromagnetic Simula...**  
Course ObjectivesBy the end of the course, participants will be able to:Understand the fundamentals...

View All

### Exams & Mock-Interviews

**Exam** Jun 17, 2026

**GATE 2022 – Electrical Engineering (EE)**  
The GATE 2022 Electrical Engineering (EE) paper evaluates candidates' understanding of electrical en...

**Exam** Jun 17, 2026

**GATE 2022 – Electronics & Communication Engineering (EC)**  
The GATE 2022 Electronics & Communication Engineering (EC) paper evaluates candidates' understand...

**Interview** Jun 17, 2026

**Java Backend Core**

View All

### Quick Links

- VTU Portal
- VTU CDOE Portal
- VTU eContent Repository
- VTU LMS
- VTU Online degree programs





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# Unlimited Learning From SEEL Platform

VTU is committed to delivering industry-focused learning through the Simulation-Enabled Experiential Learning(SEEL) framework, empowering students with practical engineering skills and preparing them to become industry-ready engineers.

**100+**

**Labs**  
Simulation Labs

**1800+**

**Projects**  
For Internships & Placements

**100+**

**Webinars**  
Engineering & Technology

**20+**

**Courses**  
16hr Certification Programs

**30+**

**Workshops**  
8hr Workshopd

**100+**

**Skill Tests**  
For Internships & Placements

**50+**

**Mock Interviews**  
AI Powered Mocktests

**100+**

**Tutorials**  
Across Branches





## Why SEEL?

SEEL provides a wide range of learning tools and digital resources designed to enhance skill development and real-world readiness.



### Virtual Labs

Perform real-world experiments in an interactive virtual lab environment.



### Interactive Learning

Learn through dynamic simulations, quizzes, and scenario-based modules.



### Skill Certification

Earn verified skill certifications that validate your hands-on expertise.



### Instructor Support

Collaborate with mentors who guide you through personalized learning paths.



# What You Get

Everything students need to learn, practice, prepare, and launch their careers in one unified ecosystem.



### Virtual Labs

Virtual Simulation Labs



### Industry Courses

Technical skill courses



### Online Skill Tests

AI-powered assessments



### Internships

Real-world projects



### Live Webinars

Expert-led sessions



### Mock Interviews

AI & mentor-driven





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# Participate in Current Skill Tests

Check out the ongoing Skill Tests and test your knowledge!



Active

## GATE 2022 – Electrical Engineering (EE)

The GATE 2022 Electrical Engineering (EE) paper evaluates candidates' understand...

17 Jun 2026 – 31 May 2030

Start Exam



Active

## GATE 2022 – Electronics & Communication Engineering (EC)

The GATE 2022 Electronics & Communication Engineering (EC) paper evaluates candi...

17 Jun 2026 – 01 Jun 2030

Start Exam



Active

## GATE 2022 – Chemical Engineering (CH)

The GATE 2022 Chemical Engineering (CH) paper evaluates candidates' understandin...

17 Jun 2026 – 31 May 2030

Start Exam



Active

## GATE 2021 – Mathematics (MA)

The GATE 2021 Mathematics (MA) paper evaluates candidates' understanding of core...

17 Jun 2026 – 01 Jun 2030

Start Exam

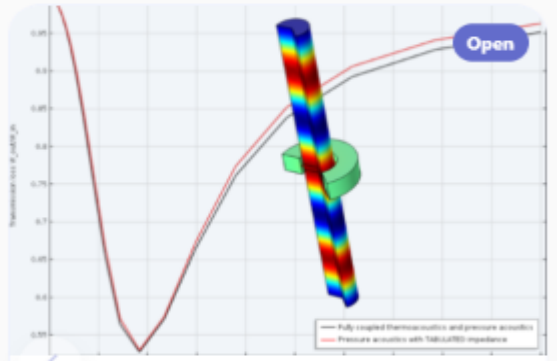
View All Skill Test →



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# Explore Our Latest Projects

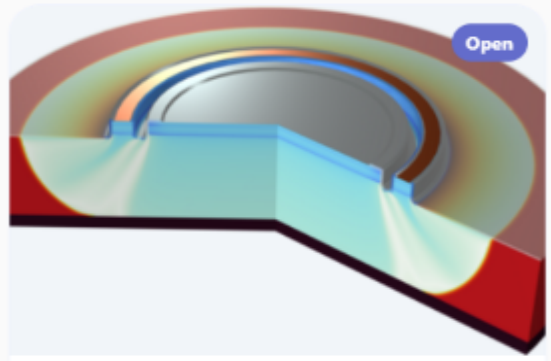
Choose a project and start building real-world experience.



## Sub-Component Lumping in Acoustics Using the Impedance Boundary Condition

This application illustrates a modeling approach for deriving physically consistent simpli...

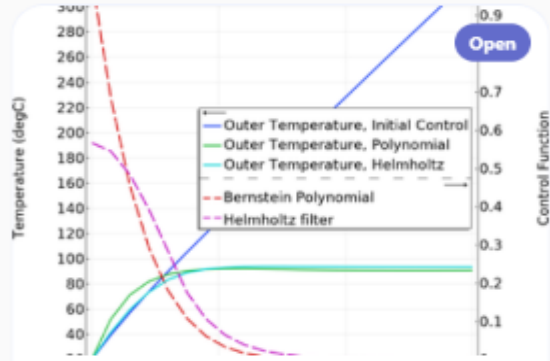
Apply Now



## Silicon Carbide Diode Breakdown

This model shows how to model the avalanche breakdown due to the impact ionization in a Si...

Apply Now



## Time-Optimal Control for Heating of a Rod

This is an example of optimal control, where the input heating power to a rod is optimized...

Apply Now



## Thermal Bridges in Building Construction — 2D Composite Structure

This example studies heat transfer in a composite two-dimensional structure. Four material...

Apply Now

## Reports & Insights

Explore detailed reports on courses, workshops, webinars, and training programs conducted by VTU SEEL.



Industry Collaboration

### VTU SEEL Annual Report

erewrewrwr

View Report



View All Reports →



**SEEL $\infty$** <sup>TM</sup>  
Simulation Enabled Experiential Learning

## Sign In

Access your account below.

Email

Password



[Forgot Password?](#)

Sign In

Don't have an account? [Sign Up](#)

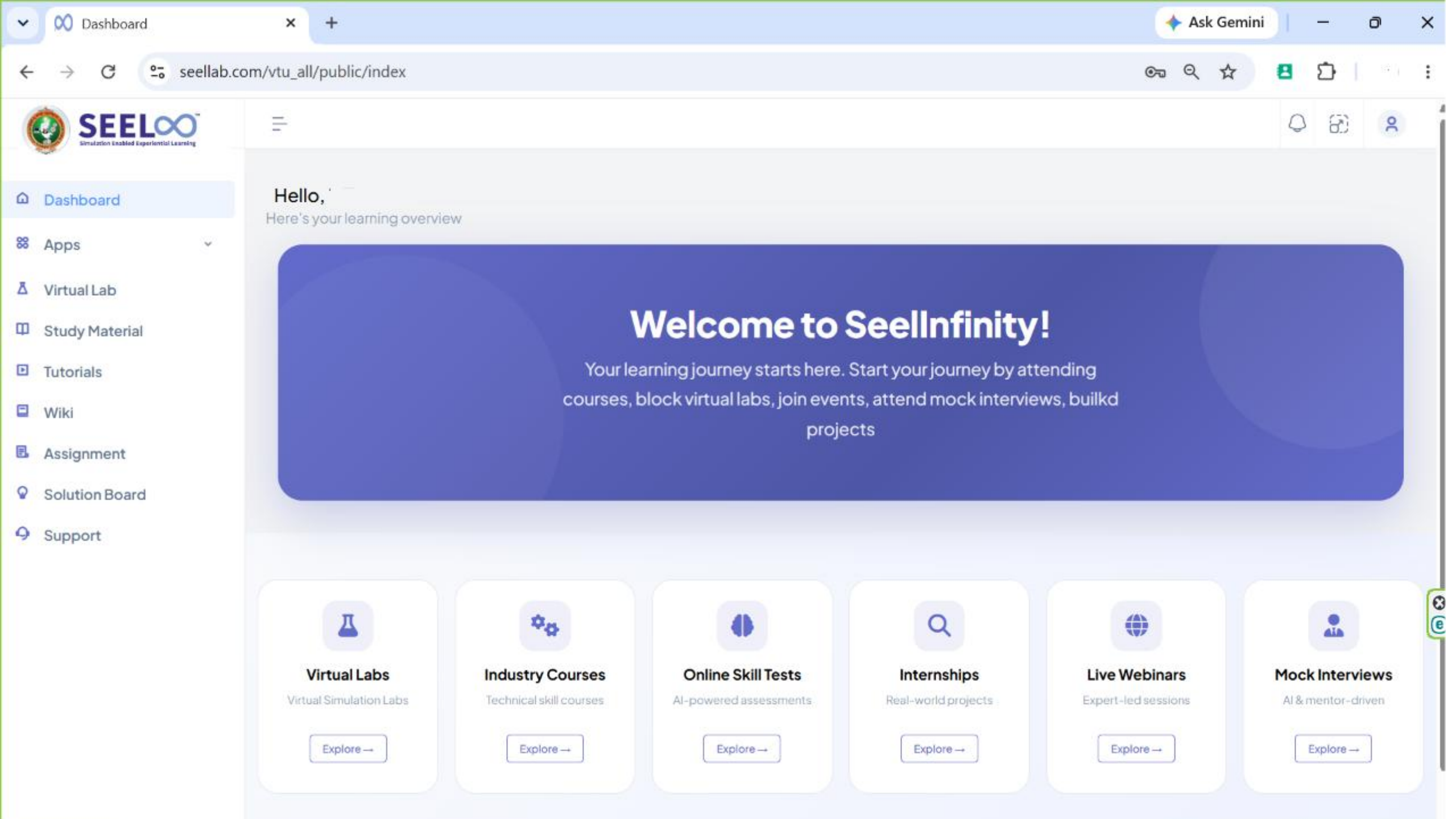
Sign with Student Email ID and Password  
as sent in mail.



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# Join the Revolution

Be part of something extraordinary. Sign up now  
and unlock a world of opportunities, new  
experiences, and exclusive benefits.




- Dashboard
- Apps
- Virtual Lab
- Study Material
- Tutorials
- Wiki
- Assignment
- Solution Board
- Support

Hello,  
Here's your learning overview

# Welcome to SeellInfinity!

Your learning journey starts here. Start your journey by attending courses, block virtual labs, join events, attend mock interviews, build projects




**Virtual Labs**  
Virtual Simulation Labs

Explore →




**Industry Courses**  
Technical skill courses

Explore →




**Online Skill Tests**  
AI-powered assessments

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**Internships**  
Real-world projects

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**Live Webinars**  
Expert-led sessions

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**Mock Interviews**  
AI & mentor-driven

Explore →












-  **SEEL**  
Simulation Enabled Experiential Learning
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- Support

### COMSOL Multiphysics Simulation Software

#### Electromagnetics Modules

 AC/DC	 RF	 Wave Optics	 Ray Optics	 Plasma	 Electric Discharge	 Semiconductor
--	---	--	---	---	---	--

#### Fluid Flow & Heat Transfer Modules

 CFD	 Mixer	 Polymer Flow	 Microfluidics	 Porous Media Flow	 Subsurface Flow	 Pipe Flow
 Molecular Flow	 Granular Flow	 Metal Processing	 Heat Transfer			

#### Structural Mechanics & Acoustics Modules



- Dashboard
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### Virtual Lab

- Dashboard
- Schedule
- Launch

#### Scheduler

Please select department, module and software.

##### Department

Mechanical & Allied

##### Module

COMSOL Base Module

##### Schedule Type

Practical

##### Software

COMSOL

Launch

Submit

#### Allied Branches

Department	Branches
Aeronautical & Allied	<ul style="list-style-type: none"><li>Aeronautical Engineering</li></ul>

Submit

- [Dashboard](#)
- [Apps](#)
- [Virtual Lab](#)
- [Study Material](#)
- [Tutorials](#)
- [Wiki](#)
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- [Support](#)

● Reserved 
 ● Available 
 ● Slots Full 
 ● RAC Available 
 ● RAC Bi-Booked 
 ● Blocked

←
Jun 15 - Jun 21, 2026
→

Time	Mon 15 Jun	Tue 16 Jun	Wed 17 Jun	Thu 18 Jun	Fri 19 Jun	Sat 20 Jun	Sun 21 Jun
	<input type="checkbox"/> Block/Unblock	<input type="checkbox"/> Block/Unblock	<input type="checkbox"/> Block/Unblock	<input type="checkbox"/> Block/Unblock	<input type="checkbox"/> Block/Unblock	<input type="checkbox"/> Block/Unblock	<input type="checkbox"/> Block/Unblock
12am-2am <input type="checkbox"/> Block	Available	Available	Reserved (1)	Available	Available	Available	Available
2am-4am <input type="checkbox"/> Block	Available	Reserved (1)	Available	Available	Available	Available	Available
4am-6am <input type="checkbox"/> Block	Available	Reserved (1)	Reserved (1)	Available	Available	Available	Available
6am-8am <input type="checkbox"/> Block	Available	Available	Reserved (1)	Reserved (1)	Available	Available	Available
8am-10am <input type="checkbox"/> Block	Available	Available	Available	Available	Available	Available	Available
10am-12pm <input type="checkbox"/> Block	Available	Available	Available	Available	Available	Available	Available
12pm-2pm				Reserved (1)			


- Dashboard
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## Virtual Lab

Dashboard

Schedule

Launch

 Ongoing Session

Department: Mechanical & Allied  
Module: COMSOL Base Module  
Software: COMSOL

Session Time  
**16-18**

Start Time  
**04:00 PM**

End Time  
**06:00 PM**

### RDWeb Access Details

RDWeb URL

<https://lab.seellab.com/RDWeb/webclient/>

Username

**user\_36@seellab.com**


Password

**JXQkc7DdAJ3h\*x**

 Dashboard

 Apps 

 Virtual Lab

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Search study materials...

## Study Material

### Aeronautical & Allied (1)



#### Introduction to AC/DC Module

IntroductionThe AC/DC Module is used by engineers and scientists to understand, predict, and design electric and magnetic fields in static, low-frequency, and transient applications. Simulations of th...

### Mechanical & Allied (6)



#### Introduction to the CFD Module

IntroductionThe CFD Module is used by engineers and scientists to understand, predict, and design for fluid flow in closed and open systems. At a given cost, these types of simulations typically lead...

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← Study Material Details

Title

Introduction to AC/DC Module

Created By

Administrator

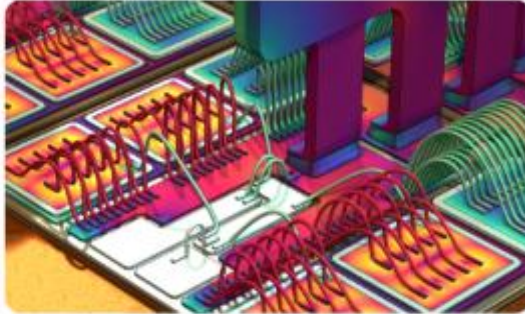
Category

Aeronautical & Allied

Attachment

 [Download File](#)

Poster



Description

## Introduction

The AC/DC Module is used by engineers and scientists to understand, predict, and design electric and magnetic fields in static, low-frequency, and transient applications. Simulations of this kind result in more powerful and efficient products and engineering methods. The module allows its users to quickly and accurately predict electromagnetic field distributions, electromagnetic forces, and power dissipation in a proposed design. Compared to traditional prototyping, COMSOL Multiphysics helps to lower costs and can evaluate and predict entities that are not directly measurable in experiments. It

Dashboard

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**Tutorials**

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## Tutorial Resources

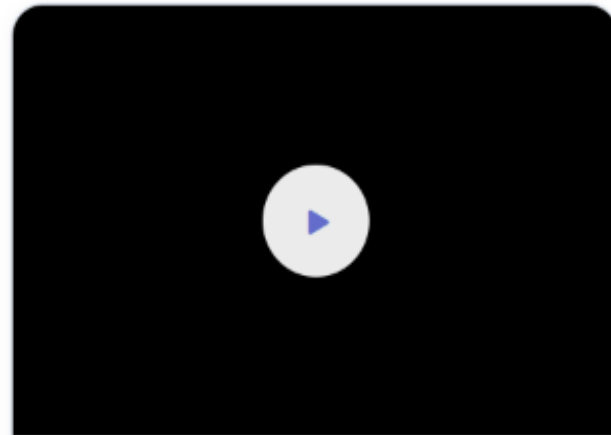
Manage your tutorial resources and study materials

Table View

All Resources 4

**Video 2**

Document 2



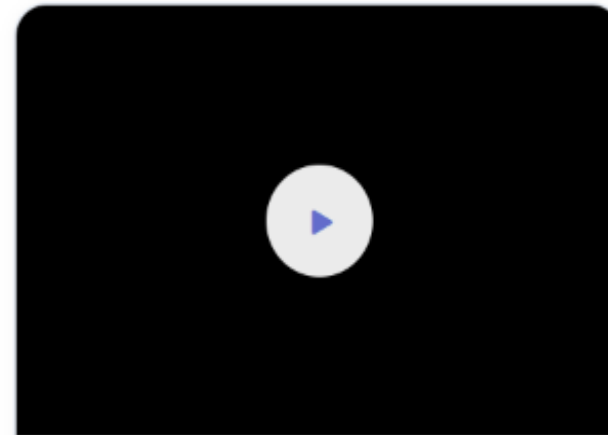
### How to Create 2D Models from 3D Geometries

Mechanical & Allied

Admin

Active

View



### Set Up the Model Environment in COMSOL

Mechanical & Allied

Admin

Active

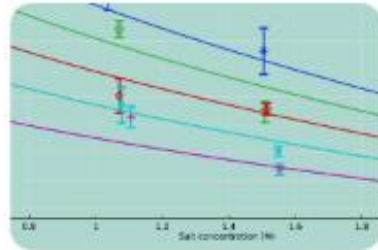
View

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- Wiki**
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## Wiki

Table View

Show All



### [COMSOL Blog] The Effects of Varying Solvent Compositions on Lithium-Ion Battery Aging

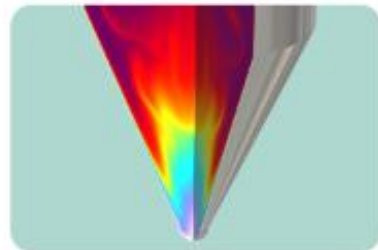
Study Tips

3 weeks ago

The Effects of Varying Solvent Compositions on Lithium-Ion Battery Aging By Ed Fontes April 14, 2025 As lithium-ion batteries age, parasitic reactions can affect the ratio of solvents in the electrolytes. In this blo...

Do you have a question?

Read More..



### [COMSOL Blog] Better Brewing: Modeling Beer Fermentation

Study Tips

3 weeks ago

Better Brewing: Modeling Beer Fermentation By Joseph Carew June 6, 2024 Brewers have worked on their craft for centuries, testing ingredients and tweaking the fermentation process to produce ideal-tasting beer. Dependent o...

Do you have a question?

Read More..



### [COMSOL Blog] Thermochemical Conversion of Biomass Through Pyrolysis of Wood

Study Tips

3 weeks ago

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## Assignments

Manage and track all assignment activity

Table View

### My Assigned Assignments 2

Search...

18  
JUN  
2026

#### recommendation

Due Date: 18 Jun 2026

Aeronautical & Allied · Seelinfinity · Due: 18 Jun 2026

13  
JUN  
2026

#### surface learning

Due Date: 13 Jun 2026

Aeronautical & Allied · Seelinfinity · Due: 13 Jun 2026

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## Assignment Details

View details of this assignment

Assignment Name	recommendation		
Department	Aeronautical & Allied	Year	2nd Year
Application	SeelInfinity	Grading Required	No
Completion Date	18 Jun 2026		
Assignment File	<a href="#">1781608147_dva-mcq-sql-coding-test-instructions.pdf</a>		
Resubmitted File	<a href="#">1781609070_DVA MCQ &amp; SQL Coding Test Instructions.pdf</a>		

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

## Solution Board

[Solution Board](#)[My Solution Board](#)[Ask Question](#)Show  entriesSearch: 

	Category	Question	Status
⋮	Computer science and Information Technology(IITM)	what is the difference between primary key and for...	Published
⋮	Fluid Mechanics and Fluid Machinery(ESE Exams)	why fluid mechanics and fluid machinery	Published
⋮	Aerospace Engineering(IITM)	dsljaldjlsajk	Published
⋮	Internal Combustion Engines(ESE Exams)	Provide me the solution	Published
⋮	Fluid Mechanics and Fluid Machinery(ESE Exams)	what is fluid mechanics explain with example?	Published

Showing 1 to 5 of 5 entries

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-  **Solution Board**
-  Support

## Solution Board

Solution Board

My Solution Board

**Ask Question**

Category \*

Select Category

Question \*

Enter your question here...

Ask Question

Reset



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### Support Request

Submit and manage support requests

**Title \***

**Description \***

**Attachment**

**Submit Request**

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Support

## Ticket Management

Manage all support tickets

Support Request

Show 10 entries

Search:

Ticket ID	Title	Type	Priority	Status	App Name	Created By	Email	Attachment	Created At
TKT-0005	Image	Support	Medium	Open	MockInfinity	user .	user@gmail.com	No File	05 Jun 2026
TKT-0006	My login not working	Technical	High	Open	ExamInfinity	User	user@gmail.com	No File	09 Jun 2026
TKT-0007	My login not working	Technical	High	Open	ExamInfinity	User	user@gmail.com	No File	09 Jun 2026
TKT-0008	My Login	Technical	High	Open	ExamInfinity	User	user@gmail.com	No File	09 Jun 2026
TKT-0009	Login problem	Technical	High	Open	ExamInfinity	User	user@gmail.com	No File	09 Jun 2026
TKT-0010	Login not working	Support	Medium	Open	MockInfinity	user .	user@gmail.com	No File	09 Jun 2026
TKT-0015	Login Not working	Technical	High	Open	ExamInfinity	User	user@gmail.com	No File	09 Jun 2026
TKT-0016	Login	Technical	High	Open	ExamInfinity	User	user@gmail.com	No File	09 Jun 2026
TKT-0024	qwe	Technical	High	Open	SEELInfinity	User	user@gmail.com	No File	10 Jun 2026
TKT-0025	mail	Technical	High	Open	ExamInfinity	User	user@gmail.com	No File	11 Jun 2026

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**Thank You**