Topics Covered

Day 1: Fundamentals & MEA Fabrication

- **Introduction to fuel cell basics, working, types and application**
- **Catalyst Slurry Preparation**
- **Catalyst Coating**
- **Controlled Drying**
- **MEA Hot Pressing**

Day 2: Fuel Cell Assembly, Performance & Testing

- **Fuel Cell Assembly**
- **Fuel Cell Performance, Key parameters and evaluation methods**
- **Testing & Diagnostics**
- **Polarization Curve Generation**

Program Outcomes

- **Participants will acquire knowledge on hands-on fabrication and testing of fuel cell.**
- **Learn how to design, fabricate, and test MEAs and fuel cells.**
- **Participants will gain confidence in handling fuel cell components and diagnostic tools and troubleshooting.**
- **Prepares them for advanced development in the fuel cell industry.**

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Development Engineer, TIFAC

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Get in touch!

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Visit **https://vit.ac.in/centers/tifac** to learn more about our Centre.

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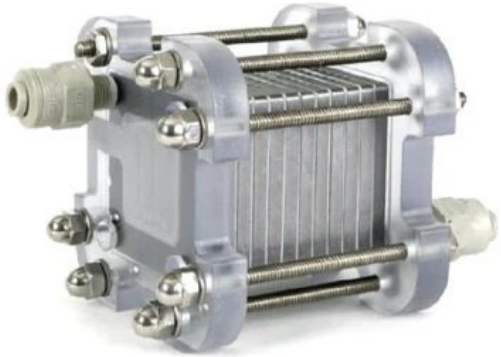
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)
40 YEARS OF TRANSFORMING LIVES

Two days Entrepreneurship Development Training on "PEM Fuel Cell"

22 - 23 January 2026



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> *"Education is not the filling of a pail, but the lighting of a fire."*

Our Vision

To inspire and empower a new generation of sustainable mobility innovators, bridging academia and industry for a greener future.

Advancing global progress by promoting sustainable mobility and achieving NetZero goals, while driving technological innovation to solve societal and industrial challenges.

Registration Fees: **5000 INR including GST 18%**

Registration charges includes participation certificate, training material, and refreshments

Registration Link: **https://events.vit.ac.in**

Registration is limited to 20 participants based on first come first serve

Venue:

TT709- Hydrogen and Fuel Cell Technology Lab
TIFAC CORE
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Important Dates

Registration closes on 20-01-2026

Open Enrollment

For students, faculties and research scholars. Come visit us to learn more!