

**AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY)**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**Workshop on Advancements in Fuel Cell
Technology for Academic Research**

Date: 15/07/2025

Venue: Online / MS Teams & TBC 105

Time: 09.00 AM – 03.00 PM

The Department of Electrical and Electronics Engineering organized a one-day workshop on “Advancements in Fuel Cell Technology for Academic Research” to equip students and faculty with knowledge of recent advancements in fuel cell technology and their applications in academic research.

Mr. Vedachalam, a student of III Year EEE, welcomed the gathering. This was followed by Mr. Madeswaran, also from III Year EEE, who introduced the resource person, Mr. Ajay Rai, Manager – New Initiatives and R&D at Ecosense Sustainable Solutions Pvt. Ltd., New Delhi.

The session was conducted by Mr. Ajay Rai and covered the following key topics:

- Development of advanced catalysts
- Improved electrolyte materials
- Fuel flexibility and hydrogen storage
- Enhanced durability and lifespan
- Integration with renewable energy systems
- Simulation and modeling tools

An online demonstration was also given as part of the workshop.

The event concluded with a vote of thanks, acknowledging the efforts of the organizing team and expressing gratitude to the resource person for delivering such an informative and engaging session.

Overall, the workshop was a great success, with over 23 participants gaining valuable insights into cutting-edge fuel cell technologies and their relevance to academic research.





