

## **Certificate Course on Green Hydrogen Technology**

The Centre for Energy studies along with Centre for Advanced Materials and Sustainable Technologies (CAMST) conducted a Basic Certification Course (16 hours) titled “Hydrogen – Next Generation Fuel Technology” for PG Physics and Chemistry students. This foundational programme introduced learners to hydrogen as a clean energy carrier, covering production pathways, storage methods, fuel cell fundamentals, safety aspects, and its role in global energy transition. The course aimed to build conceptual clarity and create industry awareness among early-stage learners.

Building on this, the Centre offered an Advanced Course on Hydrogen Fuel Technology (30 hours) designed to provide deeper technical exposure. The programme featured expert sessions delivered by Dr. Keerthivasan, Assistant Professor, University of Twente, who shared international research perspectives, recent technological advancements, and real-world application case studies in hydrogen energy systems.

Through these programmes, a total of 120 students benefited, gaining both theoretical understanding and exposure to current industry and research trends. These initiatives reflect the Centre’s focus on preparing students for future opportunities in the clean energy sector while supporting national and global sustainability goals.



**Certificate Course on Hydrogen Technology: Advanced certification programme delivered by Dr. Keerthivasan, Assistant Professor, University of Twente, The Netherlands.**