

Workshop on Implementation of Karnataka State Action Plan for Climate Change

The Department of **Chemical Engineering** organised a **one-day Workshop on CO₂ Sequestration** on **22-09-2025** at **10.00AM**, in **Seminar Hall 1**.

The resource person for the workshop was Mr. Mahesh Thimmaiah, Director, Environmental Management and Policy Research Institute (EMPRI). The workshop provided valuable insights into the role of carbon capture, utilisation, and storage (CCUS) in addressing global climate change. Mr. Thimmaiah elaborated on the scientific, technological, and policy aspects of CO₂ management, highlighting sustainable practices and emerging research in the field.

Objectives of the Event

The primary objectives of the event were:

- To introduce students to recent trends, innovations, or developments in the field.
- To promote critical thinking and problem-solving through experiential learning.
- To prepare students for professional challenges through expert interactions.

Event Overview

The program began at 10.00 AM with a welcome address by Ms. Tejaswini, a VII semester Chemical Engineering student, followed by a keynote address by **Mr. Mahesh Thimmiah, Director, Environmental Management and Policy Research Institute (EMPRI)**. The presentation covered key areas such as scientific, technological and policy aspects of CO₂ management, providing deep insights into the subject matter. The participants showed great interest, with active participation during interactive segments and Q&A rounds.

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Figure 1: Introduction to the Guest by Tejaswini, VII semester Chemical Engineering student



(a) Mr Mahesh Thimmaiah delivering lecture to students



(b) Students and Faculties along with Mr Mahesh Thimmaiah, Director, EMPRI

Outcomes and Impact

- Acquired practical skills through hands-on sessions and demonstrations.
- Exposure to current trends, tools, and technologies relevant to the subject.

Conclusions

The workshop on CO₂ Sequestration provided Chemical Engineering students with valuable insights into the importance of mitigating climate change through sustain-



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able technologies. It highlighted various methods of CO₂ capture, storage, and utilisation, emphasising their role in reducing greenhouse gas emissions. The session enhanced students' awareness of emerging environmental challenges and inspired them to explore innovative solutions for a cleaner and greener future.

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