

Proficiency Course May -July

Energy Transition - Decarbonisation, Transport and Industrial Sector

Course Coordinator

Prof. Dasappa Srinivasiah,

Dept. of Centre for Sustainable Technologies, IISc.,



To Apply Scan here



Objective

Climate change impact is a major global concern, particularly in the energy sector and several initiatives to reduce the carbon intensity are being addressed. This course provides insight into the possible technological options, resources and policy intervention—examples in India and elsewhere for a range of sectors, including challenges and results.

Course Content:

- Introduction to energy portfolio and its impact on climate change.
- Possible scenarios to reduce carbon intensity in the industrial, power, residential and transport sectors.
- Estimation of emissions, Carbon intensity calculations.
- Global and international Standards for Carbon reporting
- Scopes of emissions through life cycle analysis
- Techno- Economics related to decarbonisation technologies.

Course Fee: Rs. 10,000 + 18% GST

Online Seats are Limited to 100

Online Classes using Microsoft Teams

Schedule: 7 to 8:30 PM 3 days a week

Date : May 1 to July 31, 2025

Who Can Apply

Graduation in Science
and engineering

Contact us

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Indian Institute of Science

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Registration link:

<https://iisc.online/admissions/home.html>