

Course outline

How does an NPTEL online course work?

Module 1 - Overview of Electric Vehicles in India

Module 2 - Vehicle Dynamics

Module 2 and 3 - Vehicle Dynamics and EV Subsystems

Module 4 - Storage for EVs

Module 4 - Storage for EVs (contd)

Module 5 - Fundamentals of battery pack design

Module 5 and 6 - Battery Pack Design, Motors and Controllers

Module 6 - EV Motors and Controllers

Module 7&8 - Battery Charging and Swapping, Analytics

Module 9: Renewable Energy - Introduction

Lecture 81 - Introduction to Energy Scenario in India - Part 1

Lecture 82 - Introduction to Energy Scenario in India - Part 2

Lecture 83 - A novel Approach towards 100% RE in India - Part 1

Lecture 84- A novel Approach towards 100% RE in India - Part 2

Lecture 85- Going Beyond solar, wind, Li Ion and chilled water storage

Quiz: Week 10: Assignment 1

Quiz: Week 10: Assignment 2

Quiz: Week 10: Assignment 3

Quiz: Week 10: Assignment 4

Week 10: Feedback form: Electric Vehicles and Renewable Energy

Week 10: Lecture notes

Week 10: Solutions

Module 10: Renewable Energy - Solar and Wind Energy

Module 11: Renewable Energy

Live Session

DOWNLOAD VIDEOS

Week 10: Assignment 2

The due date for submitting this assignment has passed.

Due on 2021-10-06, 23:59 IST.

As per our records you have not submitted this assignment.

 1) What is the estimated end-to-end energy efficiency of Li-Ion battery storage systems? 1 point

- <60%
 60 - 70%
 70 - 85 %
 > 85%

No, the answer is incorrect.

Score: 0

Accepted Answers:

> 85%

 2) In 2020, which month generated the highest of amount of Wind energy in India? 1 point

- January
 March
 April
 August

No, the answer is incorrect.

Score: 0

Accepted Answers:

August

 3) True or False 1 point

The temperature of water stored in Thermal (Chilled Water) Storage systems goes up by 2°C/hour

- True
 False

No, the answer is incorrect.

No, the answer is incorrect.

Score: 0

Accepted Answers:

False