

## 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**

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# Week 10: Assignment 1

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) Since 1990, GHG emissions in India has increased by

**1 point**

- 50%  
 100%  
 150%  
 335%

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

**335%**

2) What is the largest source of electricity in India

**1 point**

- Coal  
 Natural Gas  
 Nuclear  
 Solar

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

**Coal**

3) What is India's Renewable Energy Target for 2022?

**1 point**

- 100 GW  
 150GW  
 175GW  
 250GW

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

**175GW**

4) India is the third largest emitter of GHG emissions in the world

**1 point**

- True  
 False

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

**True**

5) As of 2019, Solar and Wind combined contributed under 10% of India's total electricity

**1 point**

- True  
 False

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

**True**