Course outline

course work?

How does an NPTEL online

Module 2 - Vehicle Dynamics

Module 2 and 3 - Vehicle

Module 4 - Storage for EVs

Module 4 - Storage for EVs

Module 5 - Fundamentals of

battery pack design

Module 5 and 6 - Battery Pack Design, Motors and

Module 6 - EV Motors and

Lecture 58 - Torque Production - Part 1

Lecture 59 - Torque Production - Part 2

Lecture 60 - Torque

Production - Part 3

Lecture 62 - The d-q

Lecture 63 - The d-q

Equivalent circuit - Part 1

Equivalent circuit - Part 2

Lecture 64 - Field-oriented

Lecture 65 - Three phase AC

Lecture 66 - Three phase AC

Lecture 67 - Thermal Design -

Lecture 68 - Thermal Design -

Lecture 69 - Thermal Design -

Lecture 70 - Engineering

Considerations - Part 1

Lecture 71 - Engineering Considerations - Part 2

Lecture 72 - Future Frontiers

Quiz: Week 8: Assignment 1

Quiz: Week 8: Assignment 3

Quiz: Week 8: Assignment 4

Week 8: Feedback form:

Electric Vehicles and

Renewable Energy

Week 8: Lecture notes

Week 8: Solutions

Module 7&8 - Battery

Analytics

Energy

Energy

Live Session

- Introduction

Charging and Swapping,

Module 10: Renewable

Module 11: Renewable

DOWNLOAD VIDEOS

Energy - Solar and Wind

Module 9: Renewable Energy

Quiz: Week 8: Assignment 2

Lecture 61 - Speed and Back

Dynamics and EV

Subsystems

(contd)

Controllers

Controllers

EMF

Control

- Part 1

- Part 2

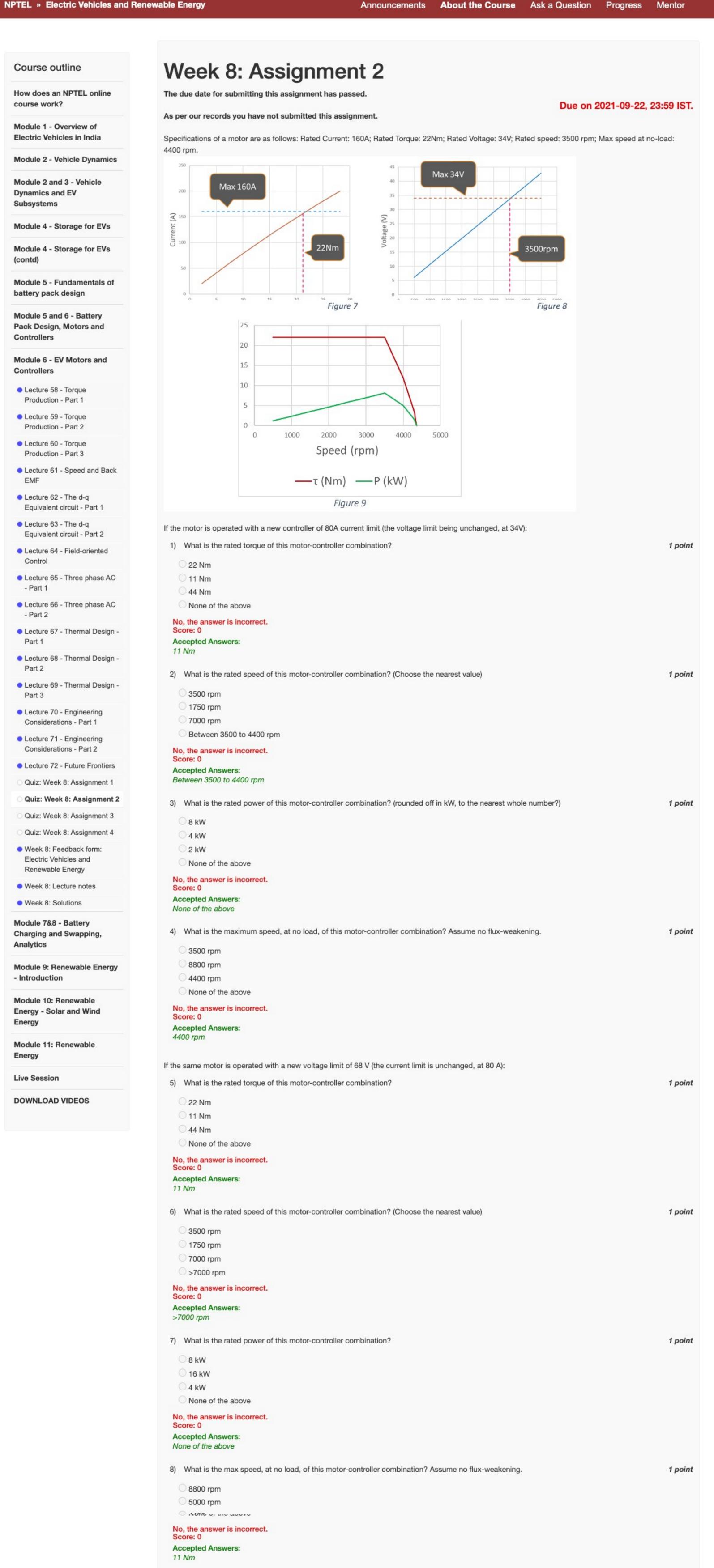
Part 1

Part 2

Part 3

Module 1 - Overview of Electric Vehicles in India

1 point



6) What is the rated speed of this motor-controller combination? (Choose the nearest value)

3500 rpm

1750 rpm

7000 rpm

>7000 rpm

No, the answer is incorrect.