

Walchand Institute of Technology, Solapur

WIT-Institution's Innovation Council

Report of Competition on Recent Trends in Vehicles & Business Opportunities

11/12/2021

Considering the necessity of increasing awareness amongst students about recent trends in vehicles & also of creating awareness about entrepreneurial opportunities in today's era, one Quiz on Electric, Hybrid-electric vehicles technology, market scenario and business opportunities was arranged by Institution's Innovation Council & Mechanical Engineering Students' Association on 11/12/2021.

Two rounds of objective type questions based on electric vehicles, hybrid electric vehicles and autonomous vehicles were conducted.

The quiz was consisting of the following type of questions.

- Multiple choice questions with a single correct answer.
- Multiple choice questions with more than one correct answer.
- Matching Grid
- Calculations involving basic arithmetic.

The topics of the questions were as follows:

- Fundamentals of Automotive Technology
- Electric Vehicles (2W, 3W, 4W, trucks and buses)
- Hybrid Electric (2W, 3W, 4W, trucks and buses)
- Battery Technology, charging techniques and infrastructure
- Rules and regulations for automobiles, electric vehicles etc. (AIS standards)
- Approval Processes
- Market Scenario
- Business opportunities

Considering the COVID-19 pandemic situation, the event was conducted in online mode.

Total 44 students participated in the quiz.

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