1.The introduction discusses the need for environmentally friendly and efficient car designs, emphasizing improvements in power train and fuel technologies. It highlights the importance of evaluating the entire vehicle life cycle from resource extraction to fuel use and mechanical energy production,when assessing environmental and economic impacts. The goal is to compare different vehicle types (conventional, hybrid, electric, hydrogen) to support the development of better, eco-friendly vehicles.

2.Economic and environmental comparison of conventional Hybrid,electric and hydrogen fuel cell vehicles written by Mikhail granovskii ,ibrahim dincer, Marc A. Rosen

3.what is known - environmental pollution done by vehicles

problem-environmental impacts like air pollution , greenhouse gases

proposal solution -to obtain information that can assist in the design and development of a contemporary lightduty car,with reasonably superior economic and environmental attributes.

4.i)To compare of conventional, Hybrid,electric and Hydrogen fuel cell vehicles in Economic and environment .

ii)To reduce amount of used renewable resources

iii) To reduce environmental pollution like air pollution and greenhouse gases

iv) To maximize efficiency in production

5.While the study compares the economic and environmental impacts of different vehicle types (conventional, hybrid, electric, hydrogen), it highlights limitations such as the use of data which may not be consistent, subjective indicator weighting, and simplified modeling. A clear research gap exists in the need for more accurate, standardized, and comprehensive real-world data and models to evaluate vehicle technologie,especially under varying regional energy sources and usage patterns.