

Revolutionizing Transportation: The Transition from Combustion to Electric Vehicles

Prof. Nitu Sahu and Mr. Rohit Prajapati

Assistant Professor and Research Scholar

St. Rock's College of Commerce and Science, Borivali (W), Mumbai, India

Abstract: *The shift from combustion engines to electric vehicles (EVs) represents a significant transformation in the automotive industry and transportation sector. This transition is driven by the need to reduce carbon emissions, combat climate change, and address environmental concerns. EVs use electricity stored in batteries to power electric motors, eliminating the need for fossil fuels and tailpipe emissions. This shift towards EVs has the potential to reduce air pollution, decrease dependency on finite fossil fuel resources, and promote sustainable energy sources.*

Keywords: Electric, vehicles, combustion, engines, sustainable, transportation, carbon, emissions