## The Analysis of the Consumer Preferences and Behavior of Electric Vehicles and Fuel Vehicles

M. Deepa, P. Nandhini Sri\*, M. Pooja, D. Reshmitha

Department of Mathematics, PSGR Krishnammal College for Women

\*Corresponding authors: mdeepa@psgrkcw.ac.in, 21bma112@psgrkcw.ac.in, 21bma113@psgrkcw.ac.in, 21bma114@psgrkcw.ac.in

## **ABSTRACT**

The primary purpose of this article is to discuss the concept of analyzing consumer preferences and behavior regarding electric and fuel vehicles. The approach is based on Performance, Maintenance Cost, Safety, Manufacturer, Brands, Resale Values, Disadvantages, Environmental Advantages, Incentives and Subsidies from the Government. Availability and Accessibility of Charging Stations, Potential Maintenances and Repair Expenses, Tax Incentives or Rebates of EV and FV. The study also aims to examine the essentials of Electric Vehicles and Fuel Vehicles and displays a graphical solution based on public review through Google Form by using PYTHON PROGRAMMING.

Keywords: Questionnaires, Python Programming, Google Colab Notebook

