

Data Analysis and Performance Evaluation of Green Building Technologies in Construction Project

Ayushman Jain¹ and Mr. Hariram Sahu²

Research Scholar, Department of Civil Engineering¹

Assistant Professor, Department of Civil Engineering²

Eklavya University, Damoh M.P, India

Abstract: *The construction industry stands at a critical juncture in the 21st century, facing unprecedented challenges related to environmental sustainability, resource efficiency, and climate change mitigation. The building industry has a heavy burden in resolving these worldwide issues since it is a major user of energy and raw materials and a major source of greenhouse gas emissions. In light of these issues, "green building" has been proposed as a viable strategy to lessen the negative effects of construction on the environment without sacrificing the quality of life for building occupants or the efficiency of the structure itself.*

Keywords: Construction Industry, Critical Juncture, Building Industry, Greenhouse Gas Emissions, Efficiency