

A Study on Systematic Review on Green IoT

Janhavi Patil, Harshita Patil, Shweta Palde, Chaitanya Pati, , Yuvraj Rode

Guru Gobind Singh Polytechnic, Nashik, India

Abstract: *Green Internet of Things (Green IoT) represents the integration of energy-efficient technologies into IoT systems, aiming to minimize environmental impact and promote sustainability. This paper presents a systematic review of Green IoT by exploring its foundations, current methodologies, and advancements. Through an analysis of existing systems and proposals for innovative solutions, this study identifies opportunities for reducing energy consumption and environmental footprint while maintaining the functional integrity of IoT applications. The review also provides insights into future directions for research and development in Green IoT.*

Keywords: Green IoT, Energy Efficiency, Sustainability, Internet of Things, Environmental Impact, Green Computing