

The Carbon Footprint aims to address and alleviate a primary problem, which is the environmental footprint. The initiative focuses on calculating carbon footprints through implementing algorithms and calculators to estimate emissions based on inputs, fostering mindfulness among users for environmental conservation, engaging users through announcements and periodic reports, and motivating users to adopt more sustainable practices. This encompasses air pollution, including the unchecked emissions from industrial areas and unsustainable energy consumption, inefficient transportation marked by hamstrung energy use, and improper waste disposal practices. The report is structured into six chapters; .Chapter One introduces the operation and defines its objectives and associated challenges