

CHAPTER-4 E-WASTE IN CIRCULAR ECONOMY

Sangram Keshari Swain

sangram@cutm.ac.in

Department of Computer Science & Engineering, **Centurion University of Technology and Management, Odisha, India**

Abstract:

The current investigation assesses the present condition of E-Waste age and reusing in India. The mechanical blast because of the presentation of the data and innovation areas has brought about the accumulating of the E-Waste in India. Alongside it, the computerized unrest occurs during the previous a very long while likewise adds to the E-Waste age from different mechanical areas. In India, the southern area is responsible for the biggest creation (28.70%) of the E-Waste followed by the northern district (25.10). Other than the age, India is going about as a significant center for the illicit import of E-Waste from different agricultural nations. Nonetheless, such created E-Waste isn't appropriately taken care of by the approved recyclers in India, which prompts different natural corruptions.

4.1 Introduction

With digitalization and the onset of the 4th Industrial revolution, the lines between the physical, digital, and biological realms are getting blurred, change is happening at a tremendous speed. With the advancement of technology, our lives are increasingly getting pervaded by the presence of electrical and electronics equipment. And with the digital information age picking up speed, more people across the world rising above poverty levels, and seeking to participate and benefit from this deluge of data, information, and the internet of everything, consumption of EEE is increasing at a very rapid pace. Products are getting cheaper leading rise to more consumption, and producers are designing products that are increasingly having a shorter life span. The entirety of this is driving ascent to a noteworthy increment in the measure of WEEE (waste of electrical and electronics equipment) that is being created.