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Abstract

Electronic industry is a sector which focuses mainly on designing, fabrication and manufacturing of small components (ICs and Chips) used in the making of bigger Electronic equipments. The reason of including Electronic systems as a part of Make In India initiative is that India has the third largest number of scientists in the world, this industry is growing with a rate of almost 10% since 2011 and this sector is focusing on having a USD 29 Billion consumer electronic market by 2020. With such a large number of electronic devices manufacturing, the amount of electronic and electrical waste (E-waste) will also increase. E-waste is defined as "waste of electrical and electronic equipment, whole or in part or rejects from their manufacturing and

repair process, which are intended to be discarded" is one of the most important area one need to focus on. The annual E-waste generation in India was estimated to be 0.8 million tonnes in 2012 and it is increasing exponentially since then. Thus, a nation-wide awareness needs to be initiated which will take care of E-waste management as there might be adverse effects on environment if not properly disposed and the recycling of this waste on a large scale need to be done as it can be further used in manufacturing of electronic equipments.

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