

Valorization of Organic Waste Production from Domestic Usage with Possible Applications in India: A Review

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Abstract—Today, however, socioeconomic concern, the degradation of non renewable energy fuels and other raw materials, and the looming crisis of climate change have brought about a change in how the world thinks about its waste. The waste valorization refers to develop any process to convert the waste material into valuable products by recycling for society. Organic waste production from domestic usage is a major sector in India that generates various solid wastes viz. kitchen waste, food material, used flowers, cow dung etc. This work examines the state-of-the-art in innovative value added products that can be obtained from the transformation of these wastes. Challenges in implementing these waste valorization solutions are also highlighted. The main objective of the research paper is how to resolve the issue of management of waste and its importance.