ABSTRACT

Today main concern is on health, sustainable waste management and environmental awareness are reflecting the ad hoc interest in plant fibers. This can result in environmentally friendly fibers, fabrics and their products, which can lead to trendy organic fashions.

The hunt is on for ecologically friendly fabrics. The movement toward trendy organic fashions and alternative fashion has led to the revival and revision of traditional fibers with natural and organic approaches. We have different regenerated natural fibers like pineapple, jute, coir, bamboo, etc., having high strength are known to have effectively diversified utilization.

The concern of the consumers for variety in textiles is driving the textile industry for designing and producing new textiles from time to time. The efforts were taken to develop eco-friendly and biodegradable fibers to control non-polluting environment. The renewed sisal fiber is produced because of its high potential applications. Enzymes are playing a major role in the finishing of textiles in an eco-friendly way, protects the environment on one side and on the other side provides a gentle finish. Sisal fiber is one among the natural fibers, which have huge application in many fields. In the present paper, sisal fiber’s utilization in diversified methods is shown, which include agro-mats, union fabric, composites, handmade papers, and handicrafts. Similarly, any bast fiber can be used to develop such type of environmentally friendly products.

KEYWORDS: Waste Management, Fibers, Textiles & Handicrafts