

Title: A study of textile recycling units of western UP and production of Eco friendly finished with microneapsulation technology.

Objective:

- To collect information regarding working of textile recycling units of Moradabad and Amroha districts of UP
- To analyse the physic chemical properties of selected recycled fibres
- To prepare woven and non woven fabrics from the recycled fibers and evaluation of their properties
- To apply finish on the developed woven and nonwoven fabrics and product development

Technology Developed:

- Develop pure and blended non woven fabrics from recycled cotton and polyester febric
- Applied insect repellent finish based on gumacacia, gucallyplus cedar wool to the developed non woven fabric through microencapsulation technology.

Achievement:

- The durable finish of insect repellent against silverfish can be achieved on to the woven and non woven fabric developed from recycled cotton and polyester.

The eucalyptus oil based insect repellent finish has better repellency against silverfish.

	
<p>CLOTH STORAGE BAG WITH INSECT REPELLENT FINISH</p>	<p>FOLD IT WHEN NOT IN USE</p>