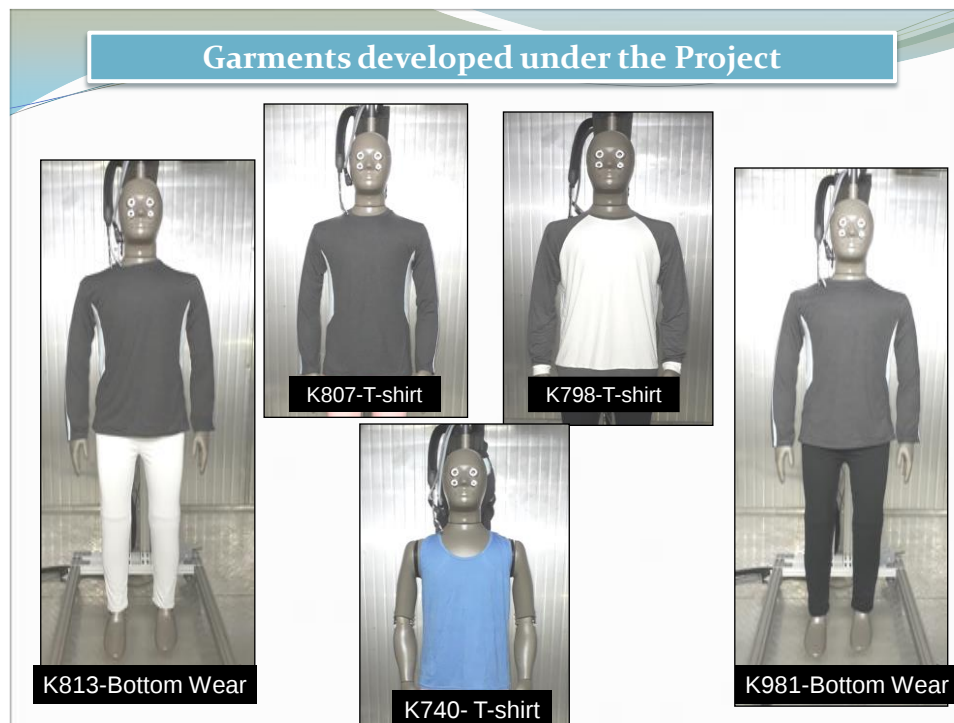


Enhancement of moisture management properties of polyester, polyester/cellulose blend by surface modification using cellulose micro particles

Point 1: Novelty of product:

“Polyester and polyester/cotton blend sports garment with enhanced moisture management using microcrystalline cellulose coating has been developed as the outcome of the project. There is no such product available in market yet.

Point 2: View of development:



Point 3: Publication

Smita Bait, Neeraj Shrivastava, Jagadananda Behera, Vijay Ramakrishnan, Amit dayal, Ganesh Jadhav, Development of sportswear with enhanced Moisture Management properties using cotton and regenerated cellulosic fibres, *Indian Journal of Fibres and Textile Research (IJFTR)*- Paper Accepted

Mayur Basuk, Smita Bait, Effect of Plasma treatment on moisture management properties and drying behavior of Polyester and blend fabrics for sportswear application, *Current Trends in Fashion Technology & Textile Engineering*, Vol. 3(5), 2018, pp 1-8

Mayur Basuk, Smita Bait, Moisture Management properties of textiles and their evaluation, International Dyer, Issue 2,2018, pp 48-54

Mayur Basuk, Smita Bait, Moisture Management properties of textiles and their evaluation, www.wtin.com

Patent:

Patent filed “Sports Garment with moisture management properties”

Indian Patent Application no. 201821030129

Point 4: Commercialization partner industries:

Industries shown interest in commercialization:

TRADC, Grasim Industries, Kharach