Effect on Moisture Management of Different Fabrics Using Different 100% Pure Yarns

A thesis submitted by

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DEDICATION

This effort is dedicated to my

Parents,

Husband

&

Daughter

Acknowledgement

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Thank you

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Declaration

I hereby declare that all the information in this thesis is the result of my concerted efforts and my original work. This research work, to the best of my knowledge and belief, reproduces no material previously published or written, or that has been accepted for the award of any other degree or diploma, except where due acknowledgement has been made in the text.

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Abstract:

The plain fabric was manufactured. In warp direction 100% cotton yarn was used and in weft different yarns like Tencel, Modal, Pro Modal, Bamboo, Polyester and cotton yarn in 100% pure form were used. Moisture Management test were perform on these yarns and was seen as the yarn decreases in Gsm its moisture management transfer property become less where's the air permeability increases as the structure of yarn become regular. Water Vapour permeability of Tencel has much higher value as compared to polyester and other fibers. This property makes the Tencel fabric to be used in sports wear products. Bamboo and pro Modal cost is at average than other yarns so they can be used in making sports wear as there moisture management properties are near to tencel and modal.

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