



**In the name of Allah, the Compassionate, the Merciful**

**Comfort properties of finished Polyester/Cotton Knitted fabric as  
affected by various yarn and fabric variables.**

By

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## **Statement of Submission**

**Title: Comfort properties of finished Polyester/Cotton Knitted fabric as affected by various yarn and fabric variables.**

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## **DECLARATION**

I hereby declare that contents of the thesis, “Comfort properties of finished polyester/Cotton Knitted fabric as affected by various yarn and fabric variables.” are product of my own research and no part has been copied from any published (except the references, standard mathematical or genetic models/equations/formulate/protocols etc.) I further declare that this work has not been submitted for award any other diploma/degree.

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## **ABSTRACT**

The radical changes have been made in textile industry by the advances in science and technology. Now a days clothing is not only for aesthetic and ethical reasons; but also comfort parameters like elasticity, softness, air permeability, thermal insulation and water vapor permeability are expected from garments. Hence the present research study was planned to investigate the effect of yarn count, P/C blend ratios and various knitted fabric structures on comfort properties of the fabric. It was found that all these variables put significant effect on comfort related properties of fabric.

Keywords: Comfort properties, Knitted Fabric, Blend ratios, Yarn count, Fabric finishes

# Dedication

*I Dedicate, This Humble Effort to Allah Almighty and Holy  
Prophet Hazrat Muhammad (Peace Be Upon Him).*

*And I also dedicate the Fruits of My Thoughts and Study to  
My Sweet Parents and Lovely Supervisor,*

*And*

*The Ever-praying Caring Wife, Sister*

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