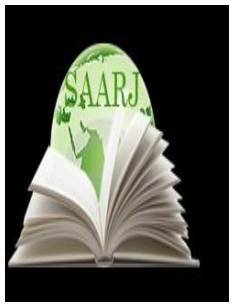

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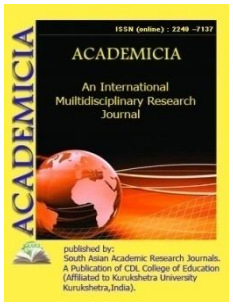

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# RESEARCH INTO THE EFFECT OF STRETCHING COUPLES ON THE QUALITY OF THREAD IN A RING SPINNING MACHINE

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## ABSTRACT

*In the present study, compact melange yarn samples were obtained using a mechanical compact device. The study obtained samples of 800 b / m welding in the combing and snow-spinning systems, with a spinning rate of 14,000 min-1, and a linear density T = 20 (Ne = 30). The physical and mechanical properties of the obtained yarn samples were compared to those of standard yarn and standard indicators. Comparison of the strength, elasticity and inequality of the compact melange yarn samples obtained in this study was analyzed. The study found that high-quality characteristics of melange yarn obtained by machine-made compact device and melange yarn obtained by re-combing can have the same high quality.*

**KEYWORDS:** *Compact yarn, ring spinning, Hairiness, torsion, Unevenness, Tensile load, Product, quality, Mélange, carded, Combing, Spindle.*

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