

Organic cotton blended yarns for diversified

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■ **ABSTRACT** : Mesta is commonly grown in every farmer's field either as a subsidiary vegetable crop or as a hedge crop or on bunds as wind breakers. Mesta fibre extraction is a routine process practiced in every farm family in Karnataka. Hence, the present study was designed to explore the possibility of spinning pure and blended mesta yarns with different proportions. Results found that mesta fibres have added strength to the cotton yarn simultaneously decreased the elongation and increase in the ratio of mesta fibre for blending reduces the cost of production of cotton yarn.

■ **KEY WORDS** : Mesta fibre, *Hibiscus sabdariffa*, Organic cotton, Dharwad Hirsutum Hybrid-11 (DHH-11), Jute batching oil (JBO), Blending, Physical characteristics