

MORAH WEIGHT CONTROL AND MONITORING SYSTEM FOR JUTE INDUSTRY

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ABSTRACT

Morah is the starting unit of jute fibre prepared by workers prior to the commencement of mechanical processing in a jute mill. Effective control of morah weight is essential for maintaining uniform sliver weight and yarn weight per unit length, which in turn ensures evenness and consistency of the final product.

IJIRA has developed a system for continuous monitoring, control, and documentation of morah weight prepared by morah makers. The system enables real-time feedback and complete coverage of morah preparation, thereby addressing the limitations of conventional sampling-based practices.

KEYWORDS: *Morah, Morah Weight, Morah Weight Control, Morah Weight Variation, Morah Weight Control and Monitoring System*

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