

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELGAUM - 590 010, KARNATAKA.**



A PROJECT REPORT ON
**“STUDY OF EXPLORING OF UNEXPLORED NATURAL
FIBRES – PINEAPPLE LEAF FIBRES(PALF)”**

(SPONSORED BY K.S.C.S.T.)

Submitted in partial fulfillment of the requirements for the award of degree of

**BACHELOR OF TECHNOLOGY
IN
TEXTILE TECHNOLOGY**

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ABSTRACT

An attempt has been made to extract fibres from pineapple-leaves. This fibre is a regenerated natural fibre in the fibre kingdom.

Pineapple fibre is an unexplored natural fibre and is extracted from pineapple-leaves. Extraction of fibres can be done manually and mechanically. The machine used for the extraction of fibres is Decorticator.

These fibres were obtained in hank form from Meghalaya and it has been cut to required length by using Staple cutting machine.

PALF fibres were blended with Polyester to produce various end products. The spun yarn from the blends were used as weft and woven with Polyester warp, and the fabric is produced.

Both yarn and fabric properties were tested and conclusion drawn accordingly.