## DEVELOPMENT OF NEEDLE PUNCHED NONWOVEN FABRICS FROM TENCEL AND PAPAYA FIBER

A Dissertation submitted to the Kongu Arts and Science College (Autonomous), Erode In partial fulfilment of the requirements for the award of the Degree of

## MASTER OF SCIENCE IN COSTUME DESIGN AND FASHION

Submitted by

Ms. D. SHOBHA B.Sc.,

REG. No. 19PCDF010

Under the Guidance of

Mr. R. RAJAKUMAR M.Sc., M.Phil.,

## DEPARTMENT OF COSTUME DESIGN AND FASHION KONGU ARTS AND SCIENCE COLLEGE

(AUTONOMOUS)

Affiliated to Bharathiar University, Coimbatore

Approved by UGC, AICTE, New Delhi and Re-accredited by NAAC

An ISO 9001: 2015 Certified Institution

DBT STAR College Scheme

NANJANAPURAM, ERODE – 638107.

April- 2021





## DEVELOPMENT OF NEEDLE PUNCHED NONWOVEN FABRICS FROM TENCEL AND PAPAYA FIBER

Submitted by

D.SHOBHA B.Sc.,

Reg. No. (19PCDF010)

A Dissertation submitted to the Kongu Arts and Science College (Autonomous), Erode
In partial fulfilment of the requirements for the award of the degree of

MASTER OF SCIENCE IN COSTUME DESIGN AND FASHION

**APRIL - 2021** 

CERTIFIED AS BONAFIDE RESEARCH WORK

SIGNATURE OF THE

HEAD OF THE DEPARTMENT

**Head of the Department** 

Department of Costume Design and Fashion Kongu Arts and Science College (Autonomous) Nanjanapurani, Erodo - 030 107.

Z. Zuy prografial signature of the guide

SIGNATURE OF THE PRINCIPAL PRINCIPAL,
KONGU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)
NANJANAPURAM, ERODE - 638 107.

SIGNATURE OF THE EXTERNAL EXAMINER