



Department of Textile Engineering
Faculty of Technology and Engineering
The Maharaja Sayajirao University of Baroda
Vadodara

CERTIFICATE

This is to certify that the thesis entitled “**OPTIMIZATION OF BRAIDED STRUCTURES FOR CIVIL ENGINEERING APPLICATION**” which is being submitted by **HIREN J. JAISWAL** (Reg. No.: FoTE/1006) in partial fulfilment for the award of **DOCTOR OF PHILOSOPHY DEGREE in TEXTILE ENGINEERING** to **THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA**, Vadodara has been carried under my supervision and guidance. This work presented in the form of a thesis has not been submitted anywhere for the award of any other degree.

Guide

Dr. Aadhar A. Mandot
Department of Textile Engineering
Faculty of Technology & Engineering
The M. S. University of Baroda

Head

Dr. S. B. Chaudhari
Department of Textile Engineering
Faculty of Technology & Engineering
The M. S. University of Baroda

DEAN

Prof. (Dr) Dhanesh Patel
Faculty of Technology & Engineering
The M. S. University of Baroda
Vadodara.