FINITE ELEMENT ANALYSIS OF A LINEAR VISCOELASTIC FLUID FLOW MODEL: OLDROYD MODEL OF ORDER ONE

A Thesis Submitted $\label{eq:submitted} \mbox{in Partial Fulfillment of the Requirements}$ for the Degree of

DOCTOR OF PHILOSOPHY

by

BIKRAM BIR

Registration No. TZ156133 of 2015

(Roll Number: MSP17102)



to the

DEPARTMENT OF MATHEMATICAL SCIENCES
SCHOOL OF SCIENCES
TEZPUR UNIVERSITY

January, 2023