FLORIDA STATE UNIVERSITY $\label{eq:famu-fsu}$ FAMU-FSU COLLEGE OF ENGINEERING

PARAMETRIC CHARACTERIZATION OF FLUID-STRUCTURE INTERACTION ON A COMPLIANT PANEL IN HIGH-SPEED FLOWS

Ву

AKRITI TRIPATHI

A Dissertation submitted to the Department of Mechanical Engineering in partial fulfillment of the requirements for the degree of Doctor of Philosophy

2024

	Rajan Kumar
	Professor Directing Thesis
	William Oates
	Committee Member
	Kourosh Shoele
	Committee Member
	Daniel Hallinan Jr.
	University Representative
The Graduate School ha	s verified and approved the above-named committee members, and certific