### IOT-BASED ENERGY MANAGEMENT SYSTEM FOR COMMERCIAL BUILDINGS

वाणिज्यिक भवनों के लिए आईओटी–आधारित ऊर्जा प्रबंधन प्रणाली

A Thesis

### Submitted for the Award of the Ph.D. degree of PACIFIC ACADEMY OF HIGHER EDUCATION AND RESEARCH UNIVERSITY

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2024

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DATE: -

PATANKAR SUSHRUT MADHAV

# DEDICATED TO MY FAMILY, FRIENDS AND WELL-WISHERS

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