CARLETON UNIVERSITY

Department of Mechanical and Aerospace Engineering

MASTER'S THESIS EXAMINATION

CANDIDATE: *Rakhshanda Huda*

DATE: *Thursday December 17, 2026, 10:00 4124 Mackenzie Building*

THESIS TITLE: *Modelling and Analysis of an Anti-Sway Controlled Crane with Coupled Vessel–Crane–Payload Dynamics*

EXAMINATION BOARD:

Internal Examiner	Chao Shen, Systems & Computer Engineering	(In Person)
Member of Department	Karen Taylor, Mechanical & Aerospace Engineering	(In Person)
Thesis Supervisor	Mohammad Biglar Begian, Mechanical & Aerospace Engineering	(In Person)
Thesis Co-Supervisor	Rishad Irani, Mechanical & Aerospace Engineering	(In Person)
Chair of Defence	Prashant Waghmare, Mechanical & Aerospace Engineering	(In Person)
Chair/Director of Department or Designate	Edgar Matida	(Ex-officio)
Dean of Faculty	Ron Miller	(Ex-officio)
Vice-Provost, Graduate Studies	Nadeem Siddiqi	(Ex-officio)