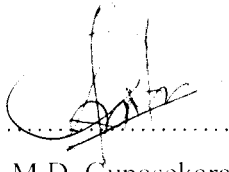


## Declaration

I hereby certify that this dissertation does not incorporate any unacknowledged or previously submitted material for a degree or a diploma in any university, to the best of my knowledge and it does not contain any material previously published, written or orally communicated by any other person except where due reference is made in the text.



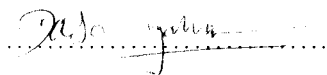
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This is to certify that this dissertation, submitted by R.M.D. Gunasekara, is a record of the candidate's own work carried out by him, under my supervision. The material embodied in this dissertation is original and has not been submitted for award of any other degree.



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## Acknowledgement

I would like to acknowledge and extend my heartfelt gratitude to the following persons who have made this MBA study a success.

My project supervisor, Dr. Sarath Dasanayaka, Senior Lecturer of Department of Management of Technology, University of Moratuwa for his valuable guidance, vital encouragement and support. As well, all the other staff of MOT Department deserves a big 'thank you' for their great assistance throughout.

Mr. J.P. Asselaraehchi, Assistant Projects & Engineering Manager (Technical Services), for his understanding & assistance and also the management, engineering colleagues and other staff of Colombo Dockyard PLC for their assistance in interviews and survey.

The senior managements and staff of BOI, CINEC, Neil Marine, Cey-Nor Foundation and Viksund Group for their support extended.

Most especially to my friends, fiancée and family members for their encouragements and vital support.



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## Abbreviations

AHTS	–	Anchor Handling Tug cum Supply vessel
CAD	–	Computer Aided Design / Drafting
CAM	–	Computer Aided Manufacturing
CDPLC	–	Colombo Dockyard PLC
CNC	–	Computer Numeric Control
DWT <sup>1</sup>	–	Deadweight Tonnage
ERP	–	Enterprise Resource Planning
GDP	–	Gross Domestic Product
GT <sup>2</sup>	–	Gross Tonnage
IMF	–	International Monetary Fund
MRP	–	Material Requirement Planning / Manufacturing Resource Planning
R&D	–	Research & Development
S&T	–	Science and Technology
SWOT	–	Strengths, Weaknesses, Opportunities and Threats
TEES	–	Technological, Economic, Environmental and Socio-Political

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<sup>1</sup> A measure of how much mass or weight of cargo or burden a ship can safely carry. DWT at any given time is defined as the sum of the weights or masses of cargo, fuel, fresh water, ballast water, provisions, passengers and crew.

<sup>2</sup> A unitless index, related to a ship's overall internal volume.