

PROJECT REPORT
**“A STUDY ON VESSEL TURNAROUND TIME:
A FINANCIAL ANALYSIS OF PORT EFFICIENCY WITH
REFERENCE TO NMPA MANGALORE”**

SUBMITTED BY:

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(4AL22BA003)

SUBMITTED TO



Visvesvaraya Technological University Belagavi

**In partial fulfilment of the requirements for the award of the degree of
MASTER OF BUSINESS ADMINISTRATION**

Under the guidance of

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**PG DEPARTMENT OF BUSINESS ADMINISTRATION
ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY**

Mijar, Moodbidri, Dk-574225

2023-2024



ನವ ಮಂಗಳೂರು ಬಂದರು ಪ್ರಾಧಿಕಾರ
ನವ ಮಂಗಳೂರು ಪತ್ತನ ಪ್ರಾಧಿಕಾರಣ
NEW MANGALORE PORT AUTHORITY
(Fully Solar Powered)

ಭಾರತ ಸರ್ಕಾರ (ಪತ್ತನ, ಪೊತ ಪರಿವಹನ ಔರ ಜಲಮಾರ್ಗ ಮಂತ್ರಾಲಯ)
Govt. of India (Ministry of Ports, Shipping and Waterways)
ಪಣಬೂರು ಪನ್ಮಬೂರು Panambur / ಮಂಗಳೂರು ಮಂಗಲೂರ Mangalore - 575010



No.5/1/TRG/Intern/2024-25

Date: 17.09.2024

CERTIFICATE

This is to certify that **Mr. Adarsh (USN: 4AL22BA003)** student of **MBA, Alva's Institute of Eng. & Technology, Mijar** has successfully completed his Project Work at **New Mangalore Port Authority** from **29.04.2024 to 07.06.2024**.

During this training period, we found him sincere and hard working.

We wish him all the best in his future endeavor.

[Signature]
17/09/2024

Dy. Secretary

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ದೂರವಾಣಿ / ದೂರಭಾಷ / Phone : 0824 - 2407341, 2887399

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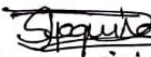
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Date: 09/09/2024

CERTIFICATE

This is to certify that **Adarsh** bearing **USN 4AL22BA003**, is a bonafide student of Master of Business Administration course of Alva's Institute of Engineering and Technology, Moodbidri for the batch 2022-2024, affiliated to Visvesvaraya Technological University, Belagavi. The Project report on "**A study on vessel turnaround time: a financial analysis of port efficiency with reference to NMPA Mangalore**" is prepared by him under the guidance of Mr. Ashok Assistant Professor, in partial fulfilment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.


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DECLARATION

I **Adarsh**, bearing **4AL22BA003** hereby declares that the Project Title entitled “**a study on vessel turnaround time: a financial analysis of port efficiency with reference to NMPA mangalore**” is prepared by me under the guidance of **Mr. Ashok**, faculty of PG Department of Business Administration Alva's Institute of Engineering and Technology and External Guidance by Mr. Ashik, financial manager, NMPA Mangalore. I also declare that this Project is towards the partial fulfilment of the University regulations for the award of degree of Master of Business Administration by Visvesvaraya Technological University Belagavi. I have undergone a summer Project for period of six weeks. I further declare that this Project is based on the original study undertaken by me and has not been submitted for the award of any degree/ diploma from any other University/Institution.

Place: Mijar



Signature of the Student

Date: 21/09/2024

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Student signature

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EXECUTIVE SUMMERY

The document provides a comprehensive overview of the research conducted to evaluate the operational efficiency of Mangalore Port. The primary aim of this study is to analyse the factors influencing vessel turnaround time (TAT), which is a critical performance indicator for ports and has significant implications for shipping companies and the overall economy.

The research employs a systematic approach, utilizing secondary data collected from various sources, including port records and industry reports. The study focuses on three main factors that affect TAT: berthing delays, customs clearance processes, and operational inefficiencies. By examining these elements, the report seeks to identify bottlenecks and areas for improvement that can enhance the efficiency of port operations.

Key findings from the analysis indicate that prolonged vessel turnaround times lead to increased operational costs for shipping companies, which can deter business and affect the port's competitiveness. The report highlights that optimizing TAT is essential not only for improving financial performance but also for enhancing customer satisfaction and attracting more shipping traffic to the port.

The study also discusses the limitations encountered during the research, such as the reliance on secondary data and the potential biases in the information provided by port officials. Despite these limitations, the findings offer valuable insights into the operational challenges faced by Mangalore Port and the broader implications for port management.

In terms of recommendations, the report suggests several strategies to improve vessel turnaround time. These include investing in advanced technologies for better tracking and management of vessels, streamlining customs procedures to reduce delays, and fostering collaboration among stakeholders to enhance communication and operational efficiency. Implementing these recommendations could lead to significant improvements in turnaround times, ultimately benefiting both the port and its users.

In conclusion, the project underscores the importance of vessel turnaround time as a key metric for assessing port efficiency. By focusing on optimizing TAT, Mangalore Port can enhance its operational performance, improve financial outcomes, and maintain a competitive edge in the maritime industry. The findings and recommendations presented in this report serve as a valuable resource for port authorities, policymakers, and stakeholders aiming to drive improvements in port efficiency and effectiveness.