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PALLAVARAM, THALAMBUR, PERIYAPALAYAM - CHENNAI



**PROCEEDINGS OF THE TWO-DAY  
NATIONAL SEMINAR  
ON  
INDIAN ECONOMIC PROGRESS  
TOWARDS ACHIEVING THE SDGs**

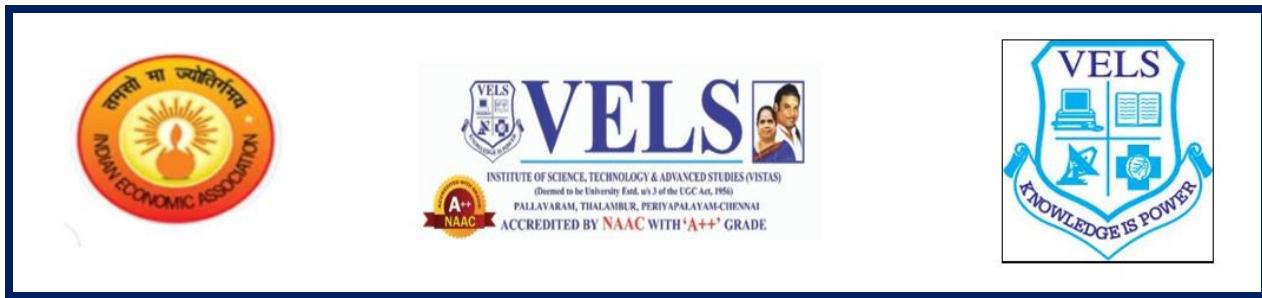
**IN COLLABORATION  
WITH  
INDIAN ECONOMIC ASSOCIATION**

**25<sup>th</sup> and 26<sup>th</sup> April 2025**

**Organized by  
Department of Economics**

**School of Commerce and  
Economics  
VISTAS**

**Pallavaram, Chennai - 600117**



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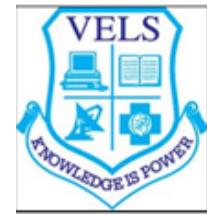
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*Sibi Chakkaravarthy P, MBA, Shipping and Logistics Management 2<sup>nd</sup> Year, VISTAS  
Dr. D. Anitha Kumari, (Associate Professor & Programme Coordinator), MBA Shipping And Logistics Management, VISTAS.*

### **Abstract**

International logistics in the cement industry involves coordinated operations to ensure efficient movement of cement and clinker from production units to global destinations. These operations include inland transportation via road and rail, port handling, storage, and maritime shipping. The use of both owned and chartered vessels offers flexibility and cost-efficiency. Effective logistics planning is crucial to meet delivery timelines, maintain product quality, and minimize costs. Coordination with logistics partners, freight forwarders, and port authorities ensures smooth operations. Digital tracking systems and sustainable practices, like optimized routing and fuel-efficient vessels, are increasingly adopted to reduce environmental impact. These logistics operations enhance competitiveness, market reach, and customer satisfaction in global cement trade. **Keywords:** *Cement Export, International Logistics, Maritime Shipping, Supply Chain, Clinker Transport, Port Handling.*

## **Air Customs Clearance Processing Time Analysis**

*R Buvanesh, Shipping and Logistics Management 2nd Year, VISTAS  
Dr. D. Anitha Kumari, (Associate Professor & Programme Coordinator), MBA Shipping and Logistics Management, VISTAS*

### **Abstract**

This study analyzes the processing time of air customs clearance, focusing on the Bill of Entry. Efficient customs clearance is critical for international trade, influencing operational costs and delivery schedules. The research identifies time delays and bottlenecks in the clearance process by evaluating stages such as document submission, assessment, examination, and release. It also examines the impact of digitalization and customs automation systems like ICEGATE and SWIFT in reducing processing times. Key factors contributing to delays include procedural inefficiencies, documentation errors, and manual interventions. The study offers recommendations for streamlining documentation, improving system integration, and building stakeholder capacity to enhance air cargo clearance efficiency and support smoother international trade.

**Key words:** *Air Customs Clearance, Processing Time, Bill of Entry, ICEGATE, SWIFT, Cargo Delay.*