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## **IMPROVING THE EFFICIENCY OF THE MTU WORKSHOP AT THE SRI LANKA NAVAL DOCKYARD, TRINCOMALEE**

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**Abstract:** The Motor Turbine Union (MTU) Workshop at the Sri Lanka Naval Dockyard in Trincomalee is essential for maintaining and repairing MTU engines and ZF gearboxes, which power a significant portion of the Sri Lanka Navy's fleet, particularly Fast Attack Craft (FAC) and Offshore Patrol Vessels (OPV). However, recent months have seen a decline in the workshop's efficiency, leading to delays in maintenance and repairs, and consequently, an increase in the non-operational status of ships. This paper investigates the factors contributing to this decline and proposes strategies to enhance efficiency, focusing on the systematic utilization of human resources, process optimization, training and development, and resource management.

**Keywords:** Efficiency, Fast Attack Craft (FAC), Offshore Patrol Vessels (OPV).