

# **THE CONTAINER LOAD DISTRIBUTION SYSTEM USING GENETIC ALGORITHM**

**Khaing Myat Thwe**

*University of Computer Studies, Yangon, Myanmar*

*khaingmyat@gmail.com*

## **Abstract**

*Scheduling is the most important in effective distribution of the resources. This paper presents a random search approach of genetic algorithm which is used to solve the packages to be allocated into varying size of multiple containers, which is a combinatorial optimization problem. The Genetic Algorithm (GA) search technique is applied to provide a solution for dynamically package assignment in container load distribution system. The solution is tested and evaluated using domain dataset used in the past from five star shipping containers Line.*