Abstract

The present work is introducing a technique to improve the solution of an existing heuristic based Generalized Assignment Problem (GAP). The proposed approach presents the design implementation and simulation results for a Broadcast Scheduling Problem (BSP). The objective is to provide a collision free broadcast schedule which minimize the total frame length and maximize the slot utilization within in frame. In this paper the Genetic algorithm is applied in a
way which is reduces the amount of involvement required to understand the existing solution. The result obtained confirms the efficiency and the effectiveness of Genetic Algorithm (GA) to provide good solution.

References


Index Terms

Computer Science
Emerging Trends in Technology

Keywords

Generalized Assignment Problem (gap)  Broadcast Scheduling Problem (bsp)  Genetic Algorithm (ga).