

## ABSTRAK

CV.Karya Plastik adalah perusahaan yang bergerak di bidang limbah daur ulang plastik dan perdagangan umum. Produk yang diproduksi ada beberapa macam yaitu biji plastik putih, murni, hitam, biru dan coklat. Dalam melakukan kerja praktek ini penulis ingin mengetahui proses penjadwalan produksi biji plastik di CV. Karya Plastik dan apakah sistem penjadwalan di CV.Karya Plastik berjalan efektif atau tidak melalui perbandingan metode SPT, LPT dan EDD.

Untuk mengetahui seberapa jauh pengaruh penggunaan metode Short Process Time (SPT), Long Processing Time (SPT) dan Earliest Due Date (EDD) terhadap penjadwalan produksi biji plastik di CV. Karya Plastik, maka didapatkan hasil waktu penyelesaian rata-rata dan jumlah job rata-rata metode SPT (*Short Processing Time*) memiliki nilai yang lebih baik dibandingkan dengan LPT (*Long Processing Time*) dimana waktu penyelesaian rata-rata pada SPT (*Short Processing Time*) adalah 31,2 hari sedangkan LPT (*Long Processing Time*) 48 hari dan EDD (*Earlist Due Date*) memerlukan waktu 37.8 hari, dan jumlah job rata-rata dalam sistem pada SPT (*Short Processing Time*), adalah 2,36 job sedangkan LPT (*Long Processing Time*) memiliki nilai sebesar 3,64job dan EDD (*Earlist Due Date*) memiliki nilai 2,86job.

Kata Kunci: CV. Karya Plastik, *SPT*, *LPT* dan *EDD*



## ABSTRACT

CV.Karya Plastics is a company engaged in the recycling of waste plastics and general trading. Products manufactured there are several kinds of white plastic pellets, pure, black, blue and brown. In doing practical work, the writer wants to know the process of scheduling the production of plastic pellets in the CV. Plastic works and whether the scheduling system CV.Karya Plastic effective or not by comparison method SPT, LPT and EDD.

To determine how much influence the use of methods Short Process Time (SPT), Long Processing Time (SPT) and Earliest Due Date (EDD) of the plastic seed production scheduling CV. Plastic works, the obtained results of the average completion time and the average number of job SPT method (Short Processing Time) has a better value than the LPT (Long Processing Time) where the average completion time of the SPT (Short Processing Time) was 31.2 days while the LPT (Long Processing time) 48 days and EDD (earlist Due Date) takes 37.8 days, and the average number of jobs in the system at SPT (Short Processing time), is 2.36 while the job LPT (Long Processing Time) has a value of 3,64job and EDD (earlist Due Date) has a value 2,86job.

Keywords: CV. Plastic works, SPT, LPT and EDD

