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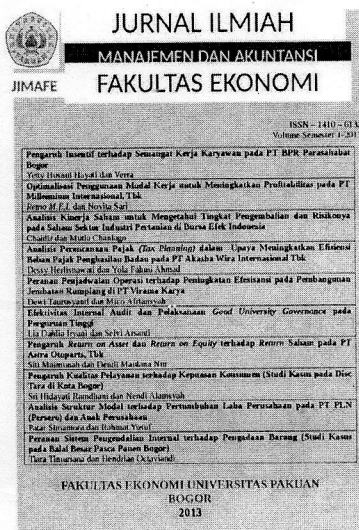
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Publikasi Karya Ilmiah

Mendikbud, Mohammad Nuh :
"Tulisan ilmiah itu sayang kalau sampai tidak dipublikasikan. Sehingga akan menjadi bola salju yang luar biasa, agar tidak ada yang mengulang suatu penelitian."

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PERANAN PENJADWALAN OPERASI TERHADAP PENINGKATAN EFISIENSI PADA PEMBANGUNAN JEMBATAN RUMPIANG DI PT VIRAMA KARYA

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Abstrak :

Basically when built the company we all have a hope that the company will develop someday and get the target, such as maximum profit or make a product or service with the use of maximum resources.

PT. Virama Karya is one of the state owned company (BUMN) with area of business activities are construction and consultant located in Kalimantan Selatan. The research is focus on Scheduling of Rumpiang Bridge which was build in Jakarta Selatan. The problem faced by Rumpiang Bridge project is time allocation inefficiency in the company operation scheduling.

Scheduling is an allocation decision of resources made available by facilities decision an aggregate planning. Scheduling is an important part of activity in the company, because it refers to the process of preparing a time target for all production operating activities including set up and after preparation time in executing a production order.

The research use descriptive explorative method by case study, and the type of the research technique is statistic quantitative using PERT-CPM method. The analysis unit of this research is the construction unit of the company.

PERT - CPM analysis allows uncertainty in the activity times when activity times are difficult to predict, PERT can provide estimates the impact of uncertainty on the project's completion time. However, reason given in the analysis results are only approximation, because there are other factors contibuted in bridge project.

Analysis method with CPM, can useful for the company to know about the efficiency time and cost from operation schedule. From the analysis result can be described that normal time is 320 weeks can be reduced to 224 weeks resulting in 70% of throughput efficiency.

Key Words ; Operations Management, Project Management, Operation Scheduling, CPM Method, Act of Determining Time and Raising Efficiency