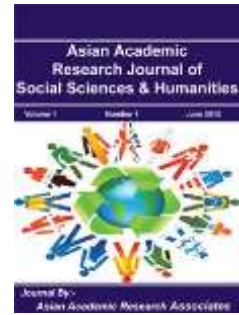




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**A RESEARCH ON COMPARISON OF DIFFERENT PRODUCTION SCHEDULING  
METHODS BY APPLYING QUEING THEORY CONCEPTS**

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**ABSTRACT**

To compare the robustness and performance of these production schedules using a stochastic discrete event simulation of a real-world production line. This paper three scheduling algorithms are to be compared. A modified Musier and Evans scheduling algorithm, a modified Ku and Karimi Sequence Building Algorithm and a greedy heuristic based on an earliest-due-date (EDD) policy.

**Keywords:** scheduling, performance, algorithm, heuristic, production

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