

## **STUDY OF SCHEDULING PROBLEM AND OPTIMIZATION OF SINGLE MACHINE SCHEDULING PROBLEM USING SIMPLE GENETIC ALGORITHM**

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### **Abstract**

In the present context scheduling problem is discussed and performance measures required for analysis are discussed in brief. Performance measures of a single machine scheduling problem is calculated and compared with results applied with simple genetic algorithm. Genetic algorithm is presented as study and few results are published using SGA.  $5|1||C_{\max}$  &  $5|1||F_{\max}$  problem is considered.