

# Computer Aided Raw Material Requirement Planning (CARMRP) for Job Shop: A Case Study

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## Abstract

The use of Material Requirement Planning (MRP) and the evaluation of raw materials using Computer to aid the planning of a job shop have been undertaken. Raw Material Planning (MRP) models and computer programme (Visual Basic) to automatically generate the result was developed. A typical job shop industry was used to test the validity of the model and computer programme developed. It is found readily useful in a developed and developing countries where the situation prevails. The result shows an improvement upon the vigorous manual method used in the time part, and minimizes the service level to the firm's customer and investment in inventory.