Objective of this paper is to develop a new technique for solving Transportation Problems (TP) by considering uncertainty in deterministic case for multi periods. There are many obtainable techniques for solving TP for deterministic cases. But these techniques are not applicable to solve multi period TP when uncertainty arises. In this paper, a technique has proposed to handle this uncertainty for different scenarios. To develop the technique, idea of decomposition based pricing (DBP) method has used. A real life oriented problem has developed by collecting data from a business organization of Bangladesh and has analyzed by the proposed technique.

References


Index Terms

Computer Science
Information Systems

Keywords

SP, TP, AMPL, DBP.