

The basic tools of operations research are probability theory, Monte Carlo methods, stochastic processes,

Queuing models,

Transportation models,

Network models,

Game theory,

linear and nonlinear programming,

Dynamic programming,

Markov decision processes,

Input-output analysis,

Choice modeling,

Econometric modeling.

Uses of Operation Research:

- Allocation and Distribution in Projects: ADVERTISEMENTS:
- Production and Facilities Planning: Factory size and location decision.
- Programmes Decision
- Marketing: ...
- Organization Behaviour: ...
- Finance: ...
- Research and Development: