MA9110 OPERATIONS RESEARCH

UNIT I QUEUEING MODELS

UNIT II ADVANCED QUEUEING MODELS
Non- Markovian Queues – Pollaczek Khintchine Formula – Queues in Series – Open Queueing Networks – Closed Queueing networks.

UNIT III SIMULATION
Discrete Even Simulation – Monte Carlo Simulation – Stochastic Simulation – Applications to Queueing systems.

UNIT IV LINEAR PROGRAMMING

UNIT V NON-LINEAR PROGRAMMING

TEXT BOOKS:


REFERENCES: