

Programme: Bachelor of Business Administration

Semester V

BBA 501-18

OPERATION RESEARCH

Objective: This course aims at providing fundamental knowledge and exposure to the concepts, theories and practices in use of quantitative techniques for optimum decision making and to facilitate the students in understanding the need/significance and applications of various techniques of operation research in decision making.

Course Outcomes (COs)

Sr. No.	At the end of the course, the student will be able to:
CO1	Formulate and solve simple and complex optimization problems.
CO2	Formulate and solve transportation and assignment problems for cost minimization.
CO3	Formulate and solve job sequencing and network models.
CO4	Carry out economical replacement analysis for obsolete /worn out industrial equipment.
CO5	Formulate and solve different inventory model problems.

(Source: IKGPTU Syllabus for Bachelor of Business Administration (Affiliated Colleges), 2021.
<https://ptu.ac.in/wp-content/uploads/2023/02/BBA-upto-6th-Sem.-batch-2022-onwards.pdf>)