

Gomory's cutting plane algorithm, short cut method for constructing the Gomory's constraint and computational problems on Gomory's method. Geometrical interpretation of Gomory's cutting plane method.

Unit IV

Integer Linear Programming Problem (ILPP): Branch and Bound method, its algorithm, computational problems on Branch and Bound method, Geometrical interpretation of Branch and Bound method.

Unit V

Patents and Intellectual Property Right: Introduction, Patent, Provisional Specification, Complete specification, Copy right, Design, Trade mark.

Books Recommended

1. S. D. Sharma(2012): Operations Research, Kadar Nath Ram Nath Publications.
2. Chong, E. K. P. and Zak, S. (2004). An Introduction to Optimization, Wiley.
3. Fletcher, R. (2000). Practical Methods of Optimization, Wiley.
4. Hadley, G. (1987). Linear Programming. Addison-Wesley.
5. Hiller, F.S. and Lieberman, G.J., (2009). Introduction to Operations Research (9th ed.), McGrawHill
6. Panneerselvam, R. (2012). Operations Research, 2nd Edn. Prentice Hall of India.
7. Taha, H. A. (2016) Operations Research: An Introduction, 10th edition, Prentice Hall

