

<b>PROFESSOR'S NAME</b>	Prof. Biswajit Mahanty, Prof. J K Jha		
<b>DEPARTMENT</b>	Industrial Systems Engineering		
<b>INSTITUTE</b>	IIT Kharagpur		
<b>COURSE OUTLINE</b>	<p>Linear Programming, Formulation Problems, Simplex Algorithm, Special Cases in Linear Programming, Minimization Problems, Duality Concepts, Complementary Slackness, Dual Simplex Method, Transportation and Transshipment Problems, Revised Simplex Method, Sensitivity Analysis, Assignment Problem, Integer Programming – Pure, Binary and Mixed, Knapsack problem, and Travelling Salesman Problem.</p>		
<b>COURSE DETAILS</b>			
<b>S. No</b>	<b>Module ID/ Lecture ID</b>	<b>Lecture Title/Topic</b>	<b>Duration</b>
1	E9-Mod1	Introduction to Operations Research	0:58:27
2	E9-Mod2	Linear Programming – Basic Concepts	0:56:00
3	E9-Mod3	Formulation of Linear Programming Problems	0:58:28
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References if Any: