

Hard Core	STP457: Practicals IV: Based on STH 454 and Soft Course	No. of credits:3
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Course Outcomes:

CO1: To carry out method of scoring and to fit the truncated distributions

CO2: To solve the problems related to linear programming

Practical Based on STH454: THEORY OF POINT ESTIMATION

1. Fitting truncated distributions by method of moments (Newton-Rapson method) -1
2. Fitting truncated distributions by method of mle (Newton-Rapson method) -2
3. Maximum likelihood estimator (when closed form solution does not exist)
4. Method of scoring -1
5. Method of scoring -2

Practical Based on STS 455: OPERATIONS RESEARCH

1. Simplex Method
2. Two phase method
3. Big M method
4. Dual LPP and Dual Simplex method.
5. Integer Programming

