Name of Class: M.Sc.(Statistics) Semester-II

Name of Course: Inference-1I   t: III

Lecture Schedule of the week: 30.03.2015 to 04.04.2015

Name of Teacher: Prof. Indra Rani

Outline of lesson to be delivered in the classes (Compiled Information)

Topic : Non – parametric tests and their applications

Ø **The Empirical distribution function and its properties.**

Ø **Kolmogorov - Smirnov   one sample test and its applications.**

Reference Book: Nonparametric Statistical Inference By Gibbons, J. D.

Name of the Class : M.Sc. (Statistics) Semester-IV

Name of the Course : Non- Linear and Dynamic Programming-Paper III & IV Opt.(ii)

                            Unit-II

Name of Teacher : Prof. Indra Rani

Lecture Schedule of the week: 30.03.2015 to 04.04.2015

Outline of Lectures to be delivered in the classes (Compiled information)

_____

Classical Optimization Techniques :

- Ø **Separable   programming Algorithm**

- Ø **Illustrations.**

- Ø **Fractional Programming and its importance in   practical   situations**

Reference : Mathematical Programming By Kambo, N.S.

       Introduction to Operations Research By Churchman, C.W.

Lab Work : Analysis of Completely Randomized Design and Randomized Block Design.

Name of Class: M.Sc.(Statistics) Semester-II

Name of Course: Demography (Unit- IV)

Name of Teacher: Dr. Ram Niwas (on Contract Basis)

Lecture Schedule of the week: 30.03.15 to 04.04.15

Outline of lesson to be delivered in the classes (Compiled information of the lesson plan)

	To be Delivered on
Unit-IV	
Topic: Population projections	
Population composition by mathematical method	30/03/2015
Population composition by component method	31/03/2015
Define Survival rates and UN model life table.	01/04/2015
Model life tables of Coale and Demeny.	03/04/2015
Ledermann's model life tables and Explain Brass model.	04/04/2015

Reference: Fundamental Applied Statistics by S.C. Gupta & V.K. Kapoor

and Technical   Demography by R. Ramakumar