

Semester	III			
Paper Number	HECSE3011T			
Paper Title	DATA ANALYSIS			
No. of Credits	2 credits			
Theory/Composite	Theory			
No. of periods assigned	2 periods per week			
Syllabus	<p><b>Module 1 (40 marks)</b>  1.Sources of data. Population census versus sample surveys.  Random sampling.  2.Frequency distribution and summary Statistics.  <b>Number of Classes per week:1</b></p> <p><b>Module 2 (40 marks)</b>  Analysis of Indian Data: Economic Survey, RBI Bulletin on currency and finance, ASI DATA, Foreign Trade Statistics, NSS Consumer surveys.  <b>Number of Classes per week:1</b></p>			
Reading	1. P.H. Karmel and M. Polasek (1978), <i>Applied Statistics for Economists</i> , 4th edition, Pitman. 2. M.R. Spiegel (2003), <i>Theory and Problems of Probability and Statistics</i> (Schaum Series). 3. Official websites of RBI, Government of India, NSS, ASI. 4. A.M. Goon, M.K. Gupta, B. Dasgupta <i>Fundamentals of Statistics</i> , Volume 1&2, World Press Private Ltd (1 August 2013)			
Evaluation	Continuous Internal Assessment: 20 marks End- Semester Theory Examination: 80 marks			
Paper Structure for End Sem Theory	Module	No. of Questions to be Answered	No. of Alternatives	Marks
	Module 1	2	3	5 x 2 = 10
		2	3	15 x 2 = 30
	Module 2	2	3	5 x 2 = 10
		2	3	15 x 2 = 30
	Total Marks			