**Department of Economics**

Subject : Quantitative Techniques and Project Work

Class : T.Y.B.A ( Spl-IV) ( From June 2010)

**ANNUAL TEACHING PLANNING (2011-12)**

**First Term**

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| **Sr. No.** | **Month** | **Name of theTopic & Sub. Topic** | **Total Period** |
| 01 | June  &  July | **Introduction to quantitative techniques:-**  1.1- Equations- Linear and simultaneous -  Problems related to supply, demand and  price determination.  1.2 - Concept of ratio, proportion and  percentage : related problems.  1.3- Calculations of simple interest - principal  amount, rate of interest, period -problems  1.4- Calculations of compound interest –  principal amount, period, rate of interest  (half yearly and yearly)- problems | 16 |
| 02 | August  &  September | **Measures of Central tendency:**  2.1- Arithmetic mean - meaning, merits and  demerits, Computation of arithmetic  mean of ungrouped and groupeddata,  frequency distribution.  2.2- Median - meaning, merits and demerits,  Computation of median with  ungrouped data and continuous frequency  distribution.  2.3 - Mode- Meaning, Merits and demerits | 16 |
| 03 | October | **Introduction to Basic statistics:**  3.1- Collection of data – Primary & Secondary.  3.2- Classification of data: - Frequency  distribution, cumulative frequencies,  Meaning of class boundaries, midpoint,  class width.  3.3 - Tabulation of data: Importance of  tabulation, parts of the table, one way and  two way tables. | 16 |
|  |  | Second Term |  |
| 05 | November | Diwali Holiday |  |
| 06 | December  & January  . | **Research Technique**  4.1 Research- Meaning & Types  4.2 Choice of Problems  4.3 Objectives of Study  4.5 Hypothesis- Definition, formulation  4.6 Sampling – Types | 16 |
| 07 | Feb & March | **Report writing -**  5.1 - Objectives and characteristics of a good  report.  5.2 - Steps of report writing. | 16 |