**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 -problems1.4- 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 & Types4.2 Choice of Problems4.3 Objectives of Study4.5 Hypothesis- Definition, formulation4.6 Sampling – Types | 16 |
| 07 |  Feb & March  |  **Report writing -**5.1 - Objectives and characteristics of a good  report.5.2 - Steps of report writing. | 16 |