**BHARATHIAR UNIVERSITY: COIMBATORE 641 046**

**B. Com (E. Com) - (CBCS PATTERN)**

(For the students admitted from the academic year **2023-2024 only**)

There is **a change** in the curriculum for the students admitted in the academic year **2024-2025** in **the III semester alone**.

**The enhanced** curriculum for the students **admitted** in the **academic year 2024-2025** in III semester are as follows:

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|  |
| **Semester III** | |
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Part** | **Title of the Course** | **Hours/ Week** | **Examination** | **Credits** | |  | | | | | | **Title of the Course** | **Hours/ Week** | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  | | | **Examination** | | | | |  | | | | **Duration**  **in Hours** |  | | **Maximum Marks** | | | | | **CIA** |  | | **CEE** | **Total** | | | | | **Credits** | | **I** | Language – III | 4 | 3 | 25 | 75 | 100 | 4 | | **II** | English – III | 4 | 3 | 25 | 75 | 100 | 4 | | **III** | Core Paper V - **Corporate Accounting I** | 6 | 3 | 25 | 75 | 100 | 4 | | **III** | Core Paper VI - **Company Law** | 6 | 3 | 25 | 75 | 100 | 4 | | **III** | Allied B: Paper I –  **Statistics for Business** | 5 | 3 | 20 | 55 | 75 | 3 | | **IV** | |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | Skill based Subject:  **Software Development with Visual Basic (Practical)** |  | 3 | 25 | 25 | 50@ | 2 | 2 | | 3 | 3 | 25 | 25 | 50@ | 2 | | **IV** | Tamil\*\* / Advanced Tamil\* (OR) Non-major elective - I (Yoga for Human Excellence)\* / Women’s Rights\* | 2 | 3 | - | 50 | 50 | **2** | | IV | NaanMudhalvan Course:  Microsoft office Essentials | 2 |  | 25 | 75 | 100 | 2 | |  | **Total** | **32** |  | **170** | **505** | **675** | **25** | | | |

**# Change to be incorporated**

The existing Syllabus is followed for Skill based Subject - **Software Development with Visual Basic (Practical)**

**Find attached the syllabus for Statistics for Business**

**SECOND YEAR - THIRD SEMESTER**

**STATISTICS FOR BUSINESS**

**Unit:1 INTRODUCTION**

Meaning and Definition of Statistics – Collection of data –– Primary and Secondary - Classification and Tabulation – Diagrammatic and Graphical presentation Measures of Central tendency – Mean, Median, Mode, Geometric Mean and Harmonic Mean – simple problems

**Unit:2 MEASURES OF DISPERSION**

Measures of Dispersion – Range, Quartile Deviation, Mean Deviation, Standard Deviation and Co-efficient of Variation.Skewness – Meaning – Measures of Skewness - Pearson’s and Bowley’s co-efficient of Skewness.

**Unit:3 CORRELATION AND REGRESSION ANALYSIS**

Correlation –Meaning and Definition –Scatter diagram, Karl Pearson’s co-efficient of Correlation, Spearman’s Rank Correlation, Co-efficient of Concurrent deviation. Regression Analysis – Meaning of regression and linear prediction – Regression in two variables – Uses of Regression

**Unit:4 TIME SERIES**

Time Series – Meaning, Components and Models – Business forecasting – Methods of estimating trend – Graphic, Semi-average, Moving average and Method of Least squares – Seasonal Variation – Method of Simple average. Index Numbers – Meaning, Uses and Methods of construction – Un-weighted and Weighted index numbers – Tests of an Index number – Cost of living index number.

**Unit:5 PROBABILITY**

Probability – Concept and Definition – Addition and Multiplication theorems of Probability (statement only) – simple problems based on Addition and Multiplication theorems only.

**Text Book(s)**

1 Statistical Methods by S.P. Gupta

2 Business Mathematics and Statistics by P. Navaneetham

3 Statistics by R.S.N. Pillai and V. Bagavathi

**Reference Books**

1 Statistics-Theory, Methods & Application by D.C. Sancheti and V.K. Kapoor

2 Applied General Statistics by Frederick E.Croxton and Dudley J. Cowden