**TEACHING PLAN 2023-24 (EVEN SEMESTER)**

**(JAN 2024 to April 2024)**

**Name: Ritu choudhary**

**Class:** B.Com. (Pass)

**Subject:** Business Statistics-2 (4.02)

**Semester:** 4th

**Department:** Commerce

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| **Month** | **1st Week** | **2nd Week** | **3rd Week** | **4th Week** |
| **JANUARY** | **Unit-1**Index Numbers:- Meaning, Types and Uses | Methods of Constructing price and Quantity indices (Simple and Aggregate) | Tests of adequacy; Chain-base Index numbers, Base shifting, Splicing and Deflating | Problems in constructing index numbers; Consumer price index |
| **FEBRUARY** | **Unit-2**Analysis of Time Series: - Causes of Variations in time series data; Components of a time series | Decomposition- Additive and Multiplicative models; determination of trend | Moving averages method and method of least squares (Including linear second degree, Parabolic and Exponential trend) | Computation of seasonal indices by simple averages, Ratio to Trend, Ratio to moving average and link relative methods |
| **MARCH** | **Unit-3**Theory of Probability: - Probability as a Concept | Approaches to defining probabilityAddition and Multiplication laws of probability | Conditional probability, Baye’s TheoremVacation | Vacation |
| **APRIL** | **Unit-4**Probability Distribution : - Probability distribution as a concept | Binomial, Poisson and Normal Distribution | Binomial, Poisson and Normal Distribution- Their Properties and Parameters | Binomial, Poisson and Normal Distribution- Their Properties and Parameters |

**Teacher Signature**