**Shri Acharyaratna Deshbhushan Shikshan Prasarak Mandal's**
**Mahavir Mahavidyalaya, Kolhapur (Autonomous)**
**Department of Computer Science**

**B. Sc- I**

**Course Title: Business Statistics using MS Excel (Practical)**

**Course Teacher:** Prof. Ms. Ashiyana M. Makandar & Mr. Ajit A. Pawar

**Teaching Plan 2025-26**

| Month | Practical CIE Component |
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| **Course Name: Business Statistics using MS Excel Practical – I Semester I** | |
| **July** | **Admission Process** |
| **August** | **1.** Construction of Frequency Distribution and Graphical representation of data:<br>**2.** Diagrammatical representation of data<br>**3.** Computation of Measures of Central Tendency (Ungrouped data)<br>**4.** Computation of Measures of Central Tendency (Grouped data) |
| **September** | **1.** Computation of Measures of Central Tendency (Grouped data)<br>**2.** Computation of Measures of Dispersion (Ungrouped Data)<br>**3.** Computation of Measures of Dispersion (Grouped Data) |
| **October** | **1.** Computation of Measures of Dispersion (Grouped Data)<br>**2.** Computation of Moments (Ungrouped Data)<br>**3.** Computation of Moments (Grouped Data) |
| **November** | **1.** Computation of Measures of Skewness and Kurtosis based on moments |

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| | **Practical Exam related work** |
| **Course Name: Business Statistics using MS Excel Practical – II (Semester II)** | |
| **December** | 1. Computation of Correlation Coefficient and Scatter Diagram (Ungrouped Data)<br>**2.** Fitting of linear and non-linear regression (Ungrouped Data)<br>**3.** Computation of index numbers by using i) Simple Method – Aggregative and Relative<br>4. Weighted Method – Aggregative and Relative |
| **January 2026** | 1. Computation of index numbers by using Laspeyre's and Paasche's method & Fisher's ideal method<br>2. Computation of trend by using i) Moving average method<br>ii) Progressive average method<br>iii) Least square method<br>3. Fitting of discrete Uniform Distribution |
| **February** | 1. Fitting of Binomial distribution<br>2. Model sampling from Binomial distribution |
| **March** | 1. Fitting of Poisson Distribution<br>2. Model sampling from Poisson Distribution |
| **April** | **Exam Related Work** |

**Name & Signature of Teacher** **Head of the Department**