

MATHEMATICS AND STATISTICS

COURSE OUTCOMES

B.Com. Semester I

Core Course (CC 4): Commercial Arithmetic I

Course Code: CAC101

After completing the course the student will be able to:

CO 1: Analyse arguments in a logical order.

CO 2: Select right approach for marketing strategies by using Operations of Sets.

CO 3: Calculate various ways a particular assignment can be executed using concepts of Permutations and Combinations.

CO 4: Apply concepts of Progressions , Determinants and Matrices in solving Business problems.

CO 5: Apply Mathematical Knowledge to Banking Sector

B.Com. Semester II

Core Course (CC 8): Commercial Arithmetic II

Course Code: CAC 102

After completing the course the student will be able to:

CO 1: Analyse business constraints and arrive at solutions using straight line and Linear Programming concepts.

CO 2: Identify relations and functions.

CO 3: Apply various concepts of Calculus to Business Problems.

CO 4: Compute Ratios, Proportions, Percentages and Discounts as are used in the business world.

B.Com. Semester III

Generic Elective (GE 3): Business Statistics I

Course Code: CAG101

After completing the course the student will be able to:

CO 1: Collect, Classify and represent data.

CO 2: Analyse Business problems by applying various Summarization Measures of Statistics.

CO 3: Apply concept of Index Numbers to understand market situation.

CO 4: Estimate future values by using concepts of Time Series.

B.Com. Semester IV

Generic Elective (GE 5): Business Statistics II

Course Code: CAG102

After completing the course the student will be able to:

CO 1: Estimate Business values by applying the concepts of Correlation and Regression.

CO 2: Apply concepts of Probability in day to day life and provide solutions.

CO 3: Apply the concept of Hypothesis testing in Business Problems.

CO 4: Interpolate and Extrapolate Business Values.