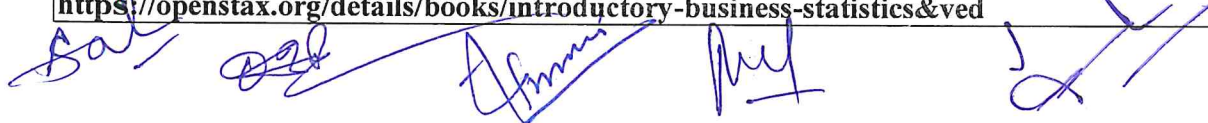


**FOUR YEAR UNDERGRADUATE PROGRAM(2024–28)**  
**Department of Commerce and Management**

**COURSE CURRICULUM**

<b>PART-A: Introduction</b>			
<b>Program:</b> Bachelor in Business Administration (Certificate / Diploma / Degree/Honors)		<b>Semester-II</b>	<b>Session:2024-2025</b>
1	<b>CourseCode</b>	BBSC-05	
2	<b>CourseTitle</b>	Business Statistics	
	<b>CourseType</b>	Discipline Specific Course (DSC)	
4	<b>Pre-requisite(if,any)</b>	<i>Asperrequirement</i>	
5	<b>CourseLearning Outcomes(CLO)</b>	<ul style="list-style-type: none"> <li>➤ <i>Students will be able to learn basic theoretical and applied principles of Statistics needed to enter the job force.</i></li> <li>➤ <i>Students will be able to communicate key statistical concepts to non-Statisticians.</i></li> <li>➤ <i>Students will gain proficiency in using Statistical Software for Data Analysis.</i></li> </ul>	
6	<b>CreditValue</b>	<b>4Credits</b>	<i>Credit=15Hours-learning&amp;Observation</i>
7	<b>TotalMarks</b>	<b>Max.Marks: 100</b>	<b>MinPassingMarks: 40</b>
<b>PART-B: ContentoftheCourse</b>			
<b>TotalNo.of Teaching-learningPeriods(01 Hr.perperiod)– 60Periods(60 Hours)</b>			
<b>Unit</b>	<b>Topics(Coursecontents)</b>		<b>No.of Period</b>
<b>I</b>	<b>Statistical Methods:</b> Importance and Scope – Limitations – Need for Data – Principles of Measurement. Tabulation and Presentation of Data. <b>Classification of Data:</b> Data Array – Frequency Distribution – Methods of data Classification – Types of Frequency Distributions / Tabulation of Data – Objectives of Tabulation – Parts & Types of Tables – Graphical Presentation–Functions of Graphs–Advantages and Limitations of Graphs.		<b>15</b>
<b>II</b>	<b>Measures of Central Tendency:</b> Mean - Combined Mean – Weighted Mean, Median – Quartiles; Relationship between Mean, Median and Mode. <b>Measures of Variation:</b> Range, Quartile Deviation, Standard Deviation, Co-efficient of Variation – Skewness, (Conceptual framework only)		<b>15</b>
<b>III</b>	<b>Correlation Analysis:</b> Correlation analysis: Meaning and Significance; Types of Correlation, Methods of studying Simple Correlation – Scatter diagram, Karl Pearson’s Coefficient of Correlation, Spearman’s Rank Correlation co-efficient.		<b>15</b>
<b>IV</b>	<b>Index Number:</b> Meaning and Significance, Problems in construction of Index Numbers, Methods of constructing Index Numbers–weighted and unweighted, test of adequacy of Index Numbers. <b>Time Series:</b> Meaning and significance – Utility, Components of Time series; Measurement of Trend: Method of Least squares, Moving Average Method.		<b>15</b>
<b>Keywords</b>	<i>Data, Mean, Median, Mode, Correlation, Standard Deviation, Index Number.</i>		
<b>PART-C: LearningResources</b>			
<b>TextBooks,ReferenceBooksand Others</b>			
1. D.H. Elhence-Fundamental of Statistics, Kitab Mahal Allahabad 2. Gupta S.P. -Business Statistics, Sultan Chand & Sons, New Delhi. 3. Hoonda R.P-Statics for Business and Economics Mac Millian, New Delhi. 4. Richard I& David S Rubin-statistics for Management, Prentice Hall –New Delhi. 5. Hein l.w.:Quantitative approach to managerial decisions Prentice hall –New Jersey 6. S.C.Gupta&SmtI.Gupta :Fundamental of Statistics –Himalaya Publishing House –Delhi 7. D.C.Sancheti&V.K.Kapoor-Statistics Theory Methods and Applications 8. Dr. S.M. Shukla, Dr. S.P. Sahai Sahitya Bhawan Publication Agra.			
<b>Online Resources–</b>			
<a href="https://ala-choice.libguides.com/c.php%3Fg%3D521905%26p%3D3569020&amp;ved">https://ala-choice.libguides.com/c.php%3Fg%3D521905%26p%3D3569020&amp;ved</a> <a href="https://openstax.org/details/books/introductory-business-statistics&amp;ved">https://openstax.org/details/books/introductory-business-statistics&amp;ved</a>			



<b>PART-D:AssessmentandEvaluation</b>		
<b>Suggested Continuous Evaluation Methods:</b>		
<b>Maximum Marks:</b>	<b>100Marks</b>	
<b>ContinuousInternalAssessment(CIA):</b>	<b>30Marks</b>	
<b>EndSemesterExam(ESE):</b>	<b>70 Marks</b>	
<b>ContinuousInternal Assessment (CIA): (By Course Teacher)</b>	Internal Test/Quiz-(2): <b>20&amp;20</b> Assignment/Seminar- <b>10</b> TotalMarks- <b>30</b>	Bettermarks outofthetwoTest/ Quiz +obtainedmarksinAssignmentshallbe considered against <b>30</b> Marks
<b>EndSemester Exam (ESE):</b>	<b>Twosection- A &amp; B</b> SectionA:Q1.Objective-10x1=10Mark;Q2.Short answer type-5x4=20Marks SectionB:Descriptiveanswer type qts., <b>1outof2</b> fromeachunit-4x10=40Marks	

**Name and Signature of Convenor & Members: (CBOS)**