

# K. N. BHISE ARTS AND COMMERCE COLLEGE, KURDUWADI

## *Department of Mathematics And Statistics*

### Programme Outcomes

Sr. No.	Programme	Programme Objectives	Programme Specific Outcomes
1	<b>B. Com. - II Business Statistics</b>	<b>PO 1. Knowledge and understanding of:</b> <ol style="list-style-type: none"> <li>the fundamental concepts and techniques of data summary and presentation, statistical inference</li> <li>the application of statistics in business</li> </ol>	<b>PSO1.</b> <p>In the programme students are expected to work on practical problems on their own and seek help when required.</p>
		<b>PO2. Intellectual skills</b> Able to: <ol style="list-style-type: none"> <li>think logically</li> <li>analyse and solve problems</li> <li>organise tasks into a structured form</li> <li>transfer appropriate knowledge and methods from one topic within the subject to another</li> <li>recognise and use appropriate statistical methods in data analysis</li> </ol>	<b>PSO2.</b> <p>The quality of solutions to a problem is substantially determined by the structure of that response; analysis, synthesis, problem solving, integration of theory and application, and knowledge transfer from one topic to another are intrinsic to high-level performance in the programme.</p>
		<b>PO3. Practical skills</b> Able to: <ol style="list-style-type: none"> <li>plan, conduct and report on the results of statistical investigations</li> </ol>	<b>PSO 3.</b> <p>Lectures, seminars, practical work and assignments are designed to enhance skills</p>
		<b>PO4. Transferable skills</b> Able to: <ol style="list-style-type: none"> <li>communicate scientific ideas</li> <li>use library and internet resources</li> <li>manage time</li> <li>plan their career.</li> </ol>	<b>PSO 4</b> <p>Team work and career planning feature in modules on <i>Business Skills for Statisticians</i>. Communication skills are enhanced. Time management is essential for the timely and effective completion of the programme. Library and internet resources are required for certain assignments and contribute to the best performances throughout.</p>

# K. N. BHISE ARTS AND COMMERCE COLLEGE, KURDUWADI

## *Department of Mathematics*

### Course Outcomes

Sr. No.	Course	Course Outcomes
1.	<b>B. Com. Part -II Business Statistics-I</b>	<ol style="list-style-type: none"><li>1. To able to get well acquainted with the fundamentals of statistics</li><li>2. To interpret and communicate the result of statistical analysis</li><li>3. To understand and find Mean, Median, Mode and Quartiles of given data</li><li>4. To calculate independently basic statistical parameters the measures of Dispersion like Range, Q. D.,M.D., S.D. and their relative measures</li><li>5. To calculate independently the Correlation and Regression</li></ol>
2.	<b>B. Com. Part -II Business Statistics-II</b>	<ol style="list-style-type: none"><li>1. To understand the basic concepts of probability and probability distribution</li><li>2. To explain basic statistical concepts such as Statistical Quality Control (np- and c-chart)</li><li>3. To Understand the concept of the Time series and Seasonal variation</li><li>4. To Understand the concept of the sampling distribution of a statistic such as Binomial and Normal distributions, and in particular describe the behaviour of the sample mean and variance</li></ol>

