



Faculty of Management and Finance
Bachelor of Business Administration Honours in Human Resource Management
Degree Programme
Course Unit Information Sheet

Course Code		BBA 11023			
Course Name		Business Mathematics and Statistics			
Semester		1000 Level - Semester I			
Credit Value	3	Core/Optional	Core	GPA/NGPA	GPA
Hourly Breakdown		Lectures	Practical	Independent Learning	
		45 Hours	-	105 Hours	
Course Description This course covers the fundamental concepts, techniques, theories and practices of mathematics and statistics for business decision making. It also provides the knowledge for the use of mathematical and statistical tools and techniques applied in various business situations.					
Intended Learning Outcomes				PLO Alignment	
At the end of the course unit, the student shall be able to,					
1. Explain the fundamental concepts, theories and techniques of mathematics and statistics.				1	
2. Calculate mathematical and statistical problems in real business scenarios.				18, 21	
3. Use appropriate mathematical and statistical tools and techniques for managerial decisions.				19	
4. Apply critical thinking, modelling, and problem-solving skills for solving business problems.				10, 18	
Course Content				Hours	ILOs
1. Introduction to Business Mathematics				3	1
2. Factoring and Equations				6	2
3. Interest and Annuities				3	2, 3, 4
4. Limits				3	2, 4
5. Calculus				6	2, 3
6. Probability and Probability Distribution				3	2, 3, 4
7. Introduction to Statistics				6	1
8. Presentation of Data				3	3
9. Measures of Central Tendency				3	2, 3, 4
10. Measures of Dispersion				3	2, 3, 4
11. Correlation and Regression				6	2, 3, 4
Teaching Methods					
Lectures, Tutorials, Case study discussions, and Group discussions.					
Assessment Methods					

In-course Assessments 30 %	Final Examination 70 %	Total: 100%
Recommended Reading		
1. Budnick, F. <i>Applied mathematics for business economics and the social science</i>, New Delhi: Tata McGraw Hill Education. The latest edition. 2. Richard, I.L., and David, S.R. <i>Statistics for Management</i>. U.S.A: Prentice Hall. The latest edition.		