Faculty of Management and Finance
Bachelor of Business Administration Honours in Business 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 Upon completion of this course unit, the students will be able to,	PLO Alignment
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 Readings		
1. Budnick, F. *Applied mathematics for business economics and the social science,* New Delhi: Tata McGraw Hill Education. /The latest edition **2.** Richard, I.L., & David, S.R., *Statistics for Management,* U.S.A: Prentice Hall. /The latest edition		