



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

Course Code		BBA 22033			
Course Name		Business Information System Development			
Semester		2000 Level - Semester II			
Credit Value	3	Core/Optional	Optional	GPA/NGPA	NGPA
Hourly Breakdown		Lectures	Practical	Independent Learning	
		30 hours	30 hours	90 hours	
Course Description This course unit focuses on designing and developing Web-based Information Systems using a variety of programming languages and tools. Students will be able to practice the concepts through practical training based on various components of client/server web development.					
Intended Learning Outcomes				PLO Alignment	
At the end of the course unit, the student shall be able to,					
1. Explain the client-server architecture of the World Wide Web with its applications in the business context.				1,11,24,25	
2. Design web pages with HTML, CSS, and JavaScript.				12,24,26	
3. Develop an appropriate database required for the information system.				10,18,24,26	
4. Design dynamic webpages using PHP.				21, 24,26	
Course Content				Hours	ILOs
1. Fundamentals of Information System Design and Development				4(T)	1
2. Front-End Development: HTML, CSS, JavaScript				10(T) / 10(P)	2
3. Development of Database				4(T) / 4(P)	3
4. Back-end development, Server-side programming, setup of a web server				10(T) /12(P)	4
5. Trouble Shooting				2(T) / 4(P)	4
Teaching Methods					
Lectures, Practical, Discussions, Presentations, Tutorials, and Group work.					
Assessment Methods					
Students are required to submit a portfolio for 100 marks					
Recommended Reading					
1. Bhardwaj, H. <i>PHP MySQL for Advanced Learning</i> . India: Amazon Digital Services LLC - KDP Print US. / The latest edition.					
2. Nixon, R. <i>Learning PHP, MySQL & JavaScript</i> . O'Reilly Media, Inc.Silverman. / The latest edition.					