Faculty of Management and Finance

Bachelor of Business Administration Honours in Business Management Degree Programme

Course Unit Information Sheet

Course Code	BBA 22033				
Course Name	Business Information Systems 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 trainings based on various components of client/server web development.

Intended Learning Outcomes Upon completion of this course unit, the students will be able to,	PLO Alignment
1. Explain the client-server architecture of the World Wide Web with its applications in 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	2 (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
Lecturing, Practical, Discussion, Presentation, Tutorials, Group work

Assessment Methods
Students are required to submit a portfolio for 100 marks

Recommended Readings
1. Bhardwaj, H. *PHP MySQL for Advanced Learning*, India: Amazon Digital Services LLC - KDP Print US. /The latest edition
2. Nixon, R. *Learning PHP, MySQL & JavaScript*, O'Reilly Media, Inc./ The latest edition