



Curriculum - 2023

BBA Hons (Entrepreneurship) Degree Program

Faculty of Management and Finance

University of Ruhuna

BBA 22033: Business Information System Development (NGPA)

Level: 3000

Number of Credits : 03

Course Description

This course unit focuses on designing and developing a 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

At the end of the course, the student will be able to;

- Explain the client-server architecture of the World Wide Web with its applications in business context
- Design web pages with HTML, CSS, and JavaScript
- Develop an appropriate database required for the information system
- Design dynamic webpages using PHP

Teaching/Learning Methods

Lecturing, Practical, Discussion, Presentation, Tutorials, Group work

Methods of Assessment

Students are required to submit a portfolio for 100 marks

Course Contents

1. Fundamentals of Information System Design and Development
2. Front-End Development: HTML, CSS, JavaScript
3. Development of Database
4. Back-End Development, Server-side programming, setup of a web server

Recommended Readings

1. Bhardwaj, H. P.H.P. *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