

The Islamia University of Bahawalpur
Department of Library and Information Science
BS-LIS, 4th Semester
LISC-01403, Emerging Technologies in Libraries & Information Centers 3(3-0)
(Foundation –IV)

Instructor: Mah-e-Bushra Asghar
Class Days: According to Timetable
Timings: According to Timetable

Course Outline

Course Objective:

The course aims to cover the Information and other library technologies; Hardware; Software; Operating systems; Telecommunications and networks; Internet and WWW; Barcode technology; Wireless technology and virtual private network (VPN); Social networking; Email; Word processing; Spreadsheets; Presentation software; Desktop publishing; Databases; Library security systems; Tele-lifts; Digitization hardware and software; Reprographic technology; Radio Frequency Identification (RFID) Scanning.

Teaching Methodology:

1. The class will be conducted in a lecture and discussion environment where the Instructor will lead discussions and students will be encouraged to participate and ask questions at the end of each class session.
2. Students will be expected to give their presentations.
3. Students will be expected to read prescribed books and assignments in advance. This will be tested through a quiz, which may proceed each class session.

Recommended Readings:

1. Miller, J. B. (2008). Internet technologies and information services. Westport, CT: Libraries Unlimited.
2. Morley, D. (2007). Understanding computers: today and tomorrow. Boston, Mass: Thomson/Course Technology.
3. Burke, J. J. (2006). Library technology companion. New York: Neal-Schuman.

COURSE CONTENTS

Session No 1:

Introduction of the subject and content discussion

Session No 2 & 3:

Information and other library technologies

Hardware

Software

Session No 4:

Operating systems

Session No 4:

Telecommunications and networks

Session No 5:

Internet and WWW

Session No 6 & 7:

Barcode technology

Wireless technology

Virtual Private Network (VPN)

Email

Session No 8:

Word processing

Session No 9:

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Session No 10 & 11:

Spreadsheets

Presentation software

Session No 12 & 13:

Databases

Library security systems

Tele-lifts

Session No 14 & 15:

Digitization hardware

Software

Session No 16:

Reprographic technology

Session No 17:

Radio Frequency Identification (RFID) Scanning

Session No 18:

FINAL TERM

Roll #	Names	Topics
1	Hafiza Iram Hussain	Telecommunications and networks
2	M. Mouavia Zafar	Wireless technology
3	Farwa Saleem	Barcode technology
4	Ayesha Ishtiaq	Virtual Private Network (VPN)
6	Tajammul Hussain	Internet and WWW
8	Mazhar Shabbir	Reprographic technology
9	Bilawal Nawaz	Databases
10	M. Ashraf	Radio Frequency Identification (RFID) Scanning
11	Malaika Siraj	Digitization hardware