

Sant Gadge Baba Amravati University, Amravati

As Per NEP 2020 Syllabus

Faculty: Humanities

Three Years- Six Semesters Bachelor's Degree Programme

B.A-III, SEM-V (Library & Information Science)

Course Code – 636263

Minor: ICT Application in Library System

Level	Semester	Course Code	Course Name	Credits	Teaching Hours	Total Teaching Hours	Max Marks	Internal Marks	Total Marks
5.0	V	636265	Minor: ICT application in Library System	4	4	60	60	40	100

Course Code – 636265

Minor: ICT Application in Library System

Course Objective	- To understand the role of Information Technology (IT) in libraries. - To learn computer applications in library operations and services.			
Course Outcomes:	- Understand basic concepts of Information Technology. - Understand computerization of library operations. - Identify features of major library software packages. - Use internet resources effectively. - Understand digital library concepts and services.			
Unit System	Contents	Workload Allotted	Weightage of Marks Allotted	Exam Type & Marks
Unit I	Fundamentals of Information Technology - Concept and scope of Information Technology. - Components of computer system: Hardware and Software - Types and generations of computers - Operating systems and application software	10 Hours	10 Marks	Theory-60 Internal Assessment-40 Marks Total Marks-100
Unit II	Computer Applications in Libraries - Application of computers in library operations. - Acquisition, cataloguing, circulation. - Database management systems (DBMS). - Office automation in libraries.	10 Hours	10 Marks	
			10 Marks	

Unit III	Library Automation • Meaning, need library automation. • Objectives and Advantages of library automation. • Planning and implementation of automation • Problems and challenges in library automation	10 Hours	10 Marks	
Unit IV	Internet and Network Technologies • Concept and Importance of Public Relation in Library. • Advantages of Public Relation in Library. • Types of Public Relation activities. • Role of librarian for public relation activity.	10 Hours	10Marks	
Unit V	Digital Libraries and Electronic Resources • Concept of digital libraries. • E-books, e-journals and online databases. • Digitization process and digital preservation. • Open access resources and initiatives.	10 Hours	10Marks	
Unit VI	Emerging Trends and Technologies in LIS • Mobile library services. • Social media applications in libraries. • Institutional Repository. • Future trends in Information Technology and LIS.	10 Hours	10 Marks	
References:	• Library Automation by K. N. Prasad. • Information Technology for Library and Information Professionals by Ravindra N. Sharma & Others. • Library and Information Technology by C. R. Karisiddappa. • Digital Libraries by Lucy A. Tedd & Andrew Large. • Library Automation and Networking by U. C. Sharma. • Information and Communication Technology in Libraries by P. K. JainRadford.			