



**PG & RESEARCH DEPARTMENT OF LIBRARY AND
INFORMATION SCIENCE**

BISHOP HEBER COLLEGE (AUTONOMOUS)

(Nationally Re-accredited at 'A' Grade by NAAC with a CGPA of 3.58 out of 4)

(Recognized by UGC as "College of Excellence")

TIRUCHIRAPPALLI-620 017.

SEMESTER I

CORE I

Code M12LS101

RESEARCH METHODS

Objectives

1. To understand the different types of research and research design
2. To understand the framing of hypothesis and various testing tools
3. To learn about style manuals and report preparation

Unit I

Research Methodology: Characteristics, Types Research Problem – Research Design-
Research Methods – Data Collection Methods – Research Methods Survey, Historical, case
study – sampling - Types. Relevance.

Unit II

Hypothesis; Formation – Testing of Hypothesis – Data Analysis – Parametric- Non
Parametric - usage of Statistical Package – SPSS – Bib excel

Unit III

Statistics in Research; Specific Application of Measure of Central Tendency – Measure of
Dispersion – Skewness.

Unit IV

t-Test-Chi-Square Test – ANOVA – One Way and Two Way ANOVA – Correlation –
Regression

Unit V

Measurement in Research; Scales – Test of good measurement – Construction of Likert and
Semantic Differential Scales – Scale Validation – Preparation of Report and Style Manuals.

References



1. Goode, W.J. and Hatt, P.K. Methods in social science. New York: McGraw Hill, 1985.
2. Goswami. Research Methodology in Library and Information Science. New Delhi: Commonwealth, 1995.
3. Kerlinger, Fred, ed. Foundation of Behavioural research: Education and psychology. New York, 1964
4. Kothari. Research Methodology. New Delhi: Eastern Wiley. 1995
5. Ravichandra Rao, I.K. Quantitative methods in Library and information Science. Delhi: Wiley, 1983
6. Santhosh Gupta. Research Methodology and statistical Techniques. New Delhi: Deep and Deep Publication, 2000.
7. Sarvanavel,. Research Methodology. Allahabad: Tajmahal, 1994.
8. Segha, R.L.. Statistical Techniques for librarians. New Delhi: Ess Ess Publication, 1998.
9. Young, Pauline. Scientific social surveys and research. New York: Prentice Hall, 1982.

SEMESTER - I

Core - II

Code M16LS102



GENERIC DIGITAL INFORMATION RESOURCES ON LIS AND WEB DESIGNING

Objectives

1. To know about various digital information resources and information digital resources in libraries
2. To get an overview of various reference tools for libraries
3. To equip with knowledge of Web analytical techniques

Unit I

Information Resources: Nature, Features and Types, Subject Gateways, Subject Directories in web, journal portal

Unit-II

Interactive Digital Information Resources: Nature, Features and Types, Blogs, Wikis and Wikipedias, Library 2.0 Tools: Information Mashup, Flickr,

Unit –III

Virtual Reference Tools: Commercial Tools (e.g. Xrefer.com), Cross-Publishers, Open Access Reference Tools

Unit-IV

Website developments, Markup language: HTML, DHTML, XML: Software available for website design, Dreamweaver, CSS, Metrics, Google Analytics, Joomla.

Unit-V

Web designing: Definition, importance and characteristics , functions – creating library home page – development and use of library apps

References

1. Bayross. Web Enable Commercial Application Development Using HTML, DHTML, Javascript, Perl CGI, BPB Publications, 2000
2. Chirs Bates, Web Programming, New York: John Wiley, 2nd Edition
3. opalan, N.P. and Akilandeswari J. Web Technology: Developer's perspective. New Delhi: Prentice Hall, 2007
4. Powell, T.A. Web Designing: The complete reference. New Delhi: Tata McGraw Hill, 2000
5. Carnaby, P: *Next generation e-learning and digital information resources*. Buenos Aires: IFLA, 2004. <Available at <http://www.ifla.org/IV/ifla70/prog04.htm>>
6. Casey, M. E. & Savastinuk, L. C.: Library 2.0: Service for the next-generation library. *Library Journal*, 26. <Available at <http://www.libraryjournal.com/article/CA6365200.html>>
7. Directory of Open Access Journals (DOAJ): <http://www.doaj.org>
8. Maness, J. M.: *Library 2.0 Theory: Web 2.0 and Its Implications for Libraries*. *Webology*,3(2), 2006. <Available at <http://www.webology.ir/2006/v3n2/a25.html>>
9. Montague, R.: *Web-based information science education (WISE)*. Oslo: IFLA, 2005. <Available at <http://www.ifla.org/IV/ifla71/Programme.htm>>

SEMESTER - I

Core - III

Code M12LS103



SKILLS BUILDING

Objectives

1. To know about teaching techniques and curriculum development
2. To learn about technical writing and other soft skills
3. To understand information literacy concept, methods and standards

Unit I

Teaching skills and techniques: Definition, Objectives, Characteristics – approaches of teaching - teaching methods – skills – micro teaching.

Unit II

Curriculum Development: Concept, approaches, Models – Testing and Evaluation: need, Characteristics, methods.

Unit III

Academic and Technical Writing: What, Why, How: - Academic Research Paper - job application – curriculum vital – Electronic Communication.

Unit IV

Soft Skills – Communication – Human Relation – motivation – Leadership – Negotiation and Presentation skill (Power point presentation)

Unit V

Information Literacy Skill – Concept, Definition, Evaluation, Standards , Models and Assessment.

Reference (s):

1. Jeya Gopal R. 1993, Human Resources Development - Conceptual Analysis and Strategies, Sterling Pub., New Delhi.
2. Prasad L.M. Organizational Behaviour, S. Chand Co., New Delhi, 2000.
4. Meenakshi Raman & Sangeetha Shanna, Technical Communication, Pub., Oxford University Press, UK- 2006
5. Raisanen, Lennart Bjork Christine, Academic Writing, Pub., Allied Publishers, New Delli, 2006
6. Howard B. Rockman. Intellectual Property Law for Engineers and Scientists, Pub., A. John Wiley & Sons, USA, 2005.



SEMESTER II

Elective- I

Code M12LS:01

RECENT TRENDS IN ICT

Objectives

1. To acquire knowledge of ICT and its components
2. To understand the applications of blogs, Bluetooth technologies in libraries
3. To enhance knowledge in recent technologies and expert systems

Unit I

ICT, Definition, Concept, Media, Mode and Components.

Unit II

Blogs, Definition, Concept, Types, Web Blogs, Web Links, Marketing Blogs, Biogonomics.

Unit III

Bluetooth Technology, Usage in Libraries, USB

Unit IV

Mobile Communication, SMS, Distance Learning, Usage in Library Services.

Unit V

Artificial Intelligence and Expert systems with reference to Library and Information System – ERP Enterprises, Resource Planning

Reference

1. C++ Web Service: Building Web Services with Net Remoting and ASP NET by Wrox Publications.
2. Chandhary, S.K. 2002, Modern Library Strategies, New Delhi: APH Publishers
3. Choudhury, G.C. and Chowdry, S. Introduction to Digital Libraries. London, Facet Publishing, 2003.



SEMESTER – II

Elective - II

Code M12LS:02

USER STUDIES

Objectives

1. To understand the information seeking behavior of users
2. To learn about information literacy concepts, methods and standards
3. To learn techniques of evaluating user studies

UNIT I

Information Users and their informal needs - Category of Information Needs - Models - Information seeking behaviour.

UNIT II

Information Literacy – Concept, Definition - Need – Methods, Standards and Sources used – Evaluation of Information Literacy Programmes.

UNIT III

User Studies - Concept, definition, need & purpose Type of users - Types of user studies – techniques of user studies.

UNIT IV

User Education - Goals Objectives, Levels - Techniques and Methods of Online User Education - Evaluation of User Education Programmes.

UNIT V

Evaluation of User studies - Criteria - Techniques of Evaluation - Proforma Method, Interview Method , Record Analysis Method.

Reference(s):

1. Kumar, PSG. Use and User studies Publication. New Delhi: BR Publication.2006.
2. Deverajan. User studies, New Delhi : Allied publishers, 1987.
3. Kumar, PSG. A student's Manual of Library and Information Science. New Delhi: BR. Publishers, 2002.
4. Kumar, PSG. Library and Users: Theory and Practice. New Delhi: BR. Publishers, 2004.
5. Sridhar, MS. Library use and user research (with twenty case studies). New Delhi: Concept Publishing Company, 2002.



SEMESTER II

Elective- III

Code M12LS:03

HUMAN RESOURCES DEVELOPMENT

Objectives

1. To understand the concept and importance of Human Resource Development in Libraries
2. To understand the apply performance appraisal
- 3.

Unit I

Human Resource Planning (HRP): Meaning, Importance, Process and Problems.

Unit II

Performance Appraisal: Meaning, Importance, Approaches to Performance Appraisal, Methods / Techniques of Appraisal System.

Unit III

Training and Development: Meaning, Need, Importance, Types: On the Job and Off the Job Training, Training Effectiveness, Evaluation of Training Programmes.

Unit IV

Human Resource Development: Meaning, Components - Pre-requisites for successful HRD programmes : HRD Trends

Unit V

Quality of Work Life, Total Quality Management (TQM), Quality Standards ISO 9000 Series, Competency Management - Meaning and Importance.

References

1. Jeya Gopal R. 1993, Human Resources Development - Conceptual analysis and strategies, sterling pub., New Delhi.
2. Sing, P.N., 1993. Developing and Managing Human Resources, Scuhandra Pub., Bombay.
3. Craich Robert, L. 1987, Training and Development – Hand Book, McGraw Hill, Pub., New Delhi.
4. Famularo, Joseph, 1987. Handbook on Human Resources Administration, McGraw Hill, Pub, Singapore.
5. Pareek Udai & Rao T.V., 1982. Designing and Managing Human Resources, Oxford and IBH, New Delhi.
6. Rao, J.V. Varma, K.K. Khandwal Anil., Abraham E.S. 1997, Human Resource Development, Rawat Pub. Jaipur.

