

NORTH MAHARASHTRA UNIVERSITY, JALGAON
FACULTY OF M.M.S.S.
M.PHIL
Subject: Library and information Science
(w. e. f. Aug. 2006)

**Paper : M. Phil. 301 Information Communication Analysis
And Product**

(Marks-100)

UNIT: 1 THE INFORMATION

- 1.1 Meaning, Concepts, nature, Value, Characteristics
- 1.2 Information generation and creation
- 1.3 Information Utilization, Information dissemination
- 1.4 Information transfer: Cycle and diffusion process

UNIT: 2 INFORMATION AND COMMUNICATION

- 2.1 Factors Influencing communication
- 2.2 Information communications: Definition, Nature, purpose, channels Barriers to communication
- 2.3 Information Communication: media, methods & applications
- 2.4 Trends in Communication

UNIT: 3 INFORMATION ANALYSIS:-

3.1 Abstracting:

- A) Types, guidelines in preparing abstract.
- B) Recent trends in abstracting: Auto abstracting
- C) Information Handling: Function and procedure
- D) Information Handling Institution: Libraries, Documentation & Information Centres

Indexing

- A) Evolution of Indexing Techniques
- B) Semantics & Syntax
- C) Subject Heading List
- D) PRECIS And POPSI
- E) Indexing in India

UNIT: 4 INFORMATION SERVICES

- 4.1 Clearing Houses and document delivery services
- 4.2 Content analysis (Information analysis)
- 4.3 Current awareness services
- 4.4 Reprographic services and translation services
- 4.5 National Information Centres:
- 4.1.2 NASSDOC, DESIDOC, SENDOC, NCSI, UGC

UNIT: 5 INFORMATION REPACKAGING AND INFORMATION PRODUCTS

- 5.1 Information Product: Nature, Concept, Types, Design and Development and Marketing of Products
- 5.2 News letters, Bulletins, and Trends Report
- 5.3 Bibliography on demand, Library Bulletin and Accession List
- 5.4 Trends in information Analysis, Repackaging and Consolidation

M. PHIL.				
List of Reference Books				
Sr. No.	TITLE OF THE BOOK	Names of the Authors	PUBLISHERS	Year
1	Information and its Communication	Prasher R. G.	Medallion Press, Delhi	1991
2	Scientific Methods	Rege P.S.	Kitab Mahal	1968
3	A Student Manual of Library & Information Services	Kumar P.S.G	B.R. Publishing	2002
4	Library & Information Services in India	Agrawal S.P.	Concept Pub. Com. New Delhi	1987
5	Electronic Media & The Library Services	Kochar P. S.	Discovery Pub.	1999
6	Documentation & Information	Guha B.	WorldPress, Calcutta	1983
7	Advances in Library & Information Science	Ojha D.C.	Scientific Pub. Jodhpur	1995
8	Scientific Dissemination of Information Services	K. A. R. Kashyap	Anmol Pub. New Delhi	1998
9	Library Administration	Mittal R. L.	Metropolitan, Delhi	1978

NORTH MAHARASHTRA UNIVERSITY, JALGAON
FACULTY OF M.M.S.S.
M.PHIL.

Subject: Library and information Science
(w.e.f. Aug. 2006)

Paper: M. Phil. 302 Recent trends in Library & Information Science (Marks-100)

UNIT: 1 INFORMATION TECHNOLOGY;

- 1.1 Definition, Need, Scope, Objective
- 1.2 Impact of Information Technology on Society
- 1.3 Concept & History of Information Technology

UNIT: 2 DIGITAL LIBRARIES

- 2.1 Libraries Concept, need, characteristics
- 2.2 Infrastructural facilities and digitization software(Dspace, Greenstone etc)
- 2.3 Planning Digitization
- 2.4 Collection development, organization and preservation of digital material (e-books, e-journals)
- 2.5 Metadata- Dublin core

UNIT 3 LIBRARY AUTOMATION AND RETROSPECTIVE CONVERSION

- 3.1 Origin of the term 'Automation'
- 3.2 Automatic Data Processing
- 3.3 Area of Automation
- 3.4 Hardware & Software Selection OPAC
- 3.5 Role and applications of Retrospective Conversion

UNIT: 4 DATA COMMUNICATION SERVICES

- 4.1 Electronic Mail, Facsimile (Different Forms of Services)
- 4.2 Prestel and Teletext
- 4.3 Teleconference, Bulletin boards
- 4.4 Voice mail (Indian Scenario)

UNIT: 5 RESOURCES SHARING THROUGH NETWORK

- 5.1 Library Co-operation
- 5.2 Role of Internet in Resource Sharing
- 5.3 Database & Networks INFLIBNET, ERNET, NICNET, INDONET, OCLC, DELNET.

UNIT: 6 ADVANCE TECHNOLOGIES

6.1 Magnetic Security Systems, Closed Circuit Camera, Security Systems, RFID.

6.2 WiFi Technology

6.3 Assitive technology

M. PHIL				
List of Reference Books				
Sr. No.	TITLE OF THE BOOK	Names of the Authors	PUBLISHERS	Year
1	Library Information Technology	Chopra S.S.	Commonwealth Pub	1999
2	Fundamentals of Information Science	Kumar P.S.G.	S. Chand & Co.	1998
3	A Student Manual of Library & Information Science	Kumar P.S.G	B.R. Publishing Corporation	2002
4	Library & Information Services in India	Agrawal S.P.	Concept Pub. C. New Delhi	1987
5	Electronic Media & The Library Services	Kochar P.S.	Discovery Pub.	1999
6	Information Retrieval & Digital Libraries	Upadhaya J. I.	Shri Pub. & Dis. New Delhi	2004
7	Advances in Library & Information Science	Ojha D.C.	Scientific Pub. Jodhur	1995
8	Scientific Dissemination of Information Services	K. A. R. Kashyap	Anmol Pub. New Delhi	1998

NORTH MAHARASHTRA UNIVERSITY, JALGAON
FACULTY OF M.M.S.S.
M.PHIL.

Subject: Library and information Science
(w.e.f. Aug. 2006)

Paper: M. Phil. 303 Research Methodology

(Marks-100)

UNIT: 1 RESEARCH IN LIBRARY SCIENCE

- 1.1 Library Science research: I) Meaning, Nature & Objectives
II) Scope, Significance & Limitations
- 1.2 History of research I) Science & Scientific Investigation II) Social Research
- 1.3 Types of research: Fundamentals & Applied (Interdisciplinary & Multi. Disciplinary)
- 1.4 Research Development of Scholarship

UNIT: 2 RESEARCH DESIGN

- 2.1 Conceptualization & Operationalisation
- 2.2 Types of research design
- 2.3 Identification and Formulation of Problem
- 2.4 Designing of research proposal
- 2.5 Literature search-print, Non-print & Electronic sources

UNIT: 3 DATA COLLECTION

- 3.1 Brief Review of Data Collection

UNIT: 4 DATA ANALYSIS

- 4.1 Descriptive and Inferential Analysis
- 4.2 Descriptive Data Analysis
- 4.3 Normal & Non-normal Distribution & Its interpretations, concept of Standard Errors of Estimate
- 4.4 Hypothesis: Meaning, features & Significance.
- 4.5 Testing of Hypothesis: Logic & Need
- 4.6 Scientific, Historic & Descriptive Method
Survey, Case Study & Experimental Method
- 4.7 Scales and Checklists and Library records reports

UNIT: 5 THE ORGANIZATION AND PRESENTATION OF DATA

- 5.1 Organization of Data I) Meaning & Functions, II) Frequency Distribution, III) Cumulative Frequency Distribution, IV) coding of Data
 5.2 Tabulation of Data. I) Meaning & Importance, II) Types of Tabulation
 5.3 Presentation of Data: I) Diagrammatic Presentation, II) Graphic Presentation

UNIT: 6 RESEARCH REPORT WRITING

- 6.1 Need & purposes, Significance
 6.2 Structure, Style Contents
 6.3 Guidelines for Research Reporting
 6.4 Types of Report
 6.5 Oral Presentation
 6.6 Mechanics of Writing a research Report
 6.7 Precautions for Research Report Writing

UNIT: 7 COMPUTER APPLICATION IN LIBRARY & INFORMATION SCIENCE RESEARCH

- 7.1 Significance of Computer in research work
 7.2 Data Processing by Computer
 7.3 Importance of Internet in research work

M. PHIL. List of Reference Books			
Sr. No.	TITLE OF THE BOOK	Names of the Authors	PUBLISHERS Year
1	Principles of Scientific Research	Freedman Paul	Pergamon Press 1949
2	Introduction to Research Procedure	Gopal M. H.	Asia Pub. House 1964
3	Research Methodology	Kothari C. R.	Wishva Prakashan, Delhi 1990
4	Sociological Methods & Techniques	Sharma R. K.	Atlantic Pub 1997
5	Methods of Social Research	Wilkinson / Bhandarkar	Himalaya Pub. Mumbai 1983
6	Research Methods in Librarianship	Busha/ Charls & Harter	Academic Press 1980
7	Scientific Method & Social Research	Ghosh B. N.	Mc-Graw Hill Pub. Co. 1982
8	Research Methods in Library & Information Science	Krishan Kumar	Haz- Anand Pub. New Delhi 1966
9	Methods of Social Survey & Research	Bajpai S. R.	Kitab Ghar 1966
10	Theory & Practice of Social Research	Hans Raj	Surjeet Pub. Delhi 1988
11	Scientific Social Surveys & Research	Young P.V	Prentice Hall 1966

NORTH MAHARASHTRA UNIVERSITY, JALGAON
FACULTY OF M.M.S.S.
M.PHIL.

Subject: Library and information Science
(w. e. f. Aug. 2006)

Paper: M. Phil. 304 Dissertation (Marks-200)
(Compulsory Paper - 04)

The topic chosen for research has to have contemporary relevance. The dissertation in addition to other necessary components should also have, in brief pedagogical implications and future research possibilities.

For Course IV any of the following would be accepted as a dissertation Thesis in a conventional form

Translation of a book into English with a detailed report on the translation process should be presented. Instructional material, in the print or non-print form, on the given area, which can be used for effective dissemination of the topic.

It would be desirable to produce the rough work of internal assignment as well as the research project at the time of final viva-voce (Oral)