

KADI SARVA VISHVAVIDYALAYA

A university established under Gujarat State Act (no.21 of 2007)

GANDHINAGAR



Coursework

Doctor of Philosophy

in

Library & Inf. Science

LDRP Campus, Near ITI & Kh-5 Circle, Sector – 15,
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Curriculum of the Coursework

There will be three papers of 100 marks
each. Paper – I Research Methodology
Paper – II Communication
Paper – III Core Paper: Library & Inf. Science

Paper I Research Methodology

1. An introduction of research
2. Nature and functions of research
3. Research Ethics
4. Plagiarism
5. Types of Research : Basic, Applied, Interdisciplinary
6. Methods of Research—Historical. Descriptive. Case Study. Survey, Comparative and Experimental.
7. Research Methods in library and Information Science and Services
8. Steps of Research
9. Literature review: necessity, methods and utilization
10. Selecting and limiting the topic
11. Developing Research Questions and Proposal Preparation
12. Research design
13. Formation of objectives and hypothesis (Meaning – Importance – Types – Sources – Characteristics –Forms – Difficulties in Formulation – Testing)
14. Research Questions
15. Sampling
16. Data collection: process, sources, types and tools
17. Data Analysis in Qualitative Research
18. Data: classification, tabulation, presentation and analysis
19. Validity of Research Results
20. Offering suggestions and recommendations
21. Preparation and writing of the Research Report / thesis
22. Problems of Research
23. Bibliometrics
24. INFLIBNET and its use in library Research
25. Popular funding Agencies for Research work
26. Preparing project/research proposal and applying for financial assistance from funding agencies

Reference Books:

1. MLA Handbook for Writers of Research Papers (Seventh edition).
2. Barrun, Jacques and Henry F. Graff: The Modern Researcher, New York.
3. Bearuline, lester A. ed.: A Mirror for Modern Researcher: Essays in Methods of Research in Literature. New York, 1996.
4. Best, John W. :Research in Education.
5. Kothari, C.R. : Research Methodology Methods and Techniques.
6. Raman A. : A Handbook of Research Process, Macmillan.

Paper II Communication

1. What is Communication ?
2. Types of Communication
3. English Grammar : Parts of Speech, Tense, Active and Passive Voice
4. précis writing
5. Comprehension
6. Official Letter
7. What is research paper? How to write research paper?
8. Norms and standards of writing research papers and publishing papers;
 - a. reviewing and recording from books, Journals, articles and thesis
 - b. writing titles, running title
 - c. authors-single and multiple authorship
 - d. writing abstract/summary/ briefs/
 - e. selecting key words
 - f. writing introduction of the paper
 - g. tools and methods selection
 - h. writing result
 - i. presentation of figures, designs, table components, Graphs; types, style, table v/s graph
 - j. discussion section; Format, Drawing conclusion, Language style
 - k. acknowledgment
 - l. references : Different style
 - m. communication with the Editor, Reviewing Referees' Comments, Galey Proofs
9. Writing Review Articles
10. Documentation Skills:
 - a. Documentation: Preparing the list of works cited
 - b. Documentation: Citing Sources in the text
11. Abbreviations from MLA Handbook for Writers of Research Papers (Seventh edition)
12. Basics of Computer
13. Microsoft Word
14. Microsoft Excel
15. Microsoft PowerPoint
16. Use of Internet

Reference Books:

1. MLA Handbook for Writers of Research Papers (Seventh edition).
2. Agnihotri, R.K. and A.L.Khanna(eds.): Second Language Acquisition Sociocultural and Linguistic Aspects of English in India, New Delhi:Sage.

3. Anderson, Anne and Tony Lynch: Listening, OUP
4. Manuja, Sarita: Write Right, Macmillian.
5. Best, J.W, and Kohn, J.V. (1986), Research in Education, New Delhi Prentice Hall.
6. Chandra, S.S. & Sharma, R.K. (2002), Research in Education, New Delhi: Atlantic Publishers and Distributors.
7. Cohen, L. and Manion, L. (1994), Research Methods in Education, London: Roulledge
8. Good, C.V.(1972), Essential of Educational Research Methodology and Design, New York; Appleton Lenty crafts.
9. Gupta, S. (2005), Research Methodology and Statistical Techniques, New Delhi: Deep and Deep Publication
10. Koul, L (2002), Methodology of Educational Research (3rd Edn), New Delhi : Vikas Publishing House.
11. Write and Publish a Scientific Paper by Robert A. Day Oryx Press

Paper III Core: Library & Inf. Science

Unit I

Information. Information Science, Information Society Information as a Resource/Commodity Information Transfer Cycle—Generation, Collection, Storage and Dissemination Role of Information in Planning, Management Socio-economic Development, Technology transfer Communication—Channels, barriers Intellectual Property Rights—Concept. Copyright. Censorship—Print and Non- print Media Library and Information Policy at the National Level

Unit II

Laws of Library Science Library Resource Sharing and Networking library Movement and Library Legislation in India Library Extension Services Library and Information Science Education in India Library and Information Profession Library Associations in India. UK and USA—ILA, IASLIC. IATUS. SIS. LA. ASLIB, SLA and ALA Library Associations Organisations at International level—FID. IFLA and UNESCO

Unit III

Sources of Information--Primary, Secondary and Tertiary—Documentary and Non-documentary Reference Sources—Encyclopaedias, Dictionaries, Geographical Sources, Biographical Sources. Year-books/Almanacs. Directories, and Handbooks, Statistical (salient features and evaluation) Bibliographical Sources—Bibliographies. Union Catalogues. Indexing and Abstracting Journals (salient features and evaluation) E-documents. E-books, E Journals Databases—Bibliographic, Numeric and Pull text—Evaluation

Unit IV

Reference and Information services. Referral Service Bibliographic Service. Indexing and Abstracting Service. CAS. SDI. Digest Service. Trend Report Online Services Translation Services Reprographic Services

Unit V

Organisation of knowledge/Information Modes of formation of subjects
Library Classification—Canons and Principles Library Classification Schemes—
^DDC. UDG and CC Library Cataloguing—
Canons and Principles Library Cataloguing
Codes—CCC and AACR-II
Bibliographic Records—International standards—ISBDs. MARC
and CCF Indexing— Pre-coordinate, Post-coordinate
Vocabulary Control—Thesaurus. lists of Subject
Headings Databases—Search Strategies, Boolean
Operators Knowledge Management

Unit VI

Management—Principles. Functions. Schools of
Thought Planning, Organisation Structure
Decision making
System Study—Analysis. Evaluation and Design
Collection Development—Books, Serials. Non-book Materials-
Selection, Acquisition. Maintenance; ISBN. ISSN. Cataloguing-In-
Publication (CIP) Human Resources Management—Manpower
Planning. Job analysis. Job description. Selection. Recruitment,
Motivation Training and Development Staff Manual. Leadership and
Performance Evaluation
Delegation of authority
Financial Management—Resource Generation. Types of Budgeting,
Cost and Cost-Benefit analysis
PERT. CPM
Library Buildings and Equipment
Performance Evaluation of Libraries/Information Centres and
Services Marketing Information product and services
Total Quality Management (TQM)

Unit VII

Information Technology—Components; Impact of IT on Society
Computers—Hardware. Software. Storage Devices. Input/output
Devices Telecommunication—Transmission media. Switching
systems. Bandwidth, Multiplexing, Modulation. Protocols. Wireless
Communication
Fax. E-Mail. Tele-conferencing /Video-conferencing. Bulletin Board
Service. Teletext, Videotex, Voice Mail
Networking—Concepts, Topologies, Types—LAN. MAN
and WAN Hypertext. Hypermedia, Multimedia
Integrated Services Digital Network (ISDN). Open Systems
Interconnection (OSI)

Unit VIII

Library Automation—Areas of automation. Planning. Hardware and Software Selection. OPAC

Networks—ERNET. NICNET. DELNET. JANET. BLAISE. OCLC. INFUNET

INTERNET—Components. Services. Browsing—Web Browsers.

Search Engines Meta-Data. Digital Object Identifier (DOI)

National and International Information Systems—NISSAT. NASSDOC.

INSDOC. DESIDOC. INIS. AGRIS. MEDLARS. INSPEC

Unit IX

Types of Libraries—National, Public, Academic and Special
Objectives, Structure and Functions

Digital Libraries—

Concept Virtual

Libraries—Concept

Types of users. User studies. User education

Role of UGC in the growth and development of libraries and information centres in institutions of higher education in India

Role of Raja Rammohan Roy Library Foundation (RRLF)

Reference Books:

S.No	Name of the books	Author	Publishers
1	A student's manual of Library and information science UGC Descriptive	P.S.G.Kumar	B.R.World of books
2	A Success Guide For UGC NET/SLET In Library & Information Science 290	A. Kaliammal, Mounissamy.P	Allien publishers
3	Handbook of UGC NET for LIS Objective type	Tariq Ashraf, Sanjay Kumar Jha	Book well Publishers
4	Library and information science A question bank approach	Khalid K.Faruqi	CBS publishers
5	Library and information Science UGC/NET Descriptive	Badan Barman	DVS publishers
6	Library and information science Volume I	C.K.Sharma	Atlantic publishers
7	Library and information science Volume II	C.K.Sharma	Atlantic publishers
8	Library and information science Volume III	C.K.Sharma	Atlantic publishers
9	Multiple choice questions in LIS	Bhooshan Lal, Ratna Kaushik	B.r.World of books
10	NET Descriptive type for LIS Paper III	C. Lal & K.Kumar	Ess ess reference
11	NET Descriptive type for LIS Paper III	K.Kaliyaperumal	chennai
12	NET Library and information science Paper II	D.K.Pandey	Atlantic publishers
13	NET LIS Question Bank For NET/SLET/JRF	Suryakant & O S Shekhar Singh	Ess ess reference
14	NET Multiple choice in Library Science Paper II	C. Lal & K.Kumar	Ess ess reference
15	NET Multiple choice in Library Science Paper II	K.Kaliyaperumal	chennai

16	NET Multiple choice question on LIS 175	Naqvi	Ess ess reference
17	NET Objective question bank for LIS Paper II	A.A.N.Raju	Ess ess reference
18	Net-studies in Library and information science	Khalid K.Faruqi, Mehtab Alam	
19	UGC net Library and information science solved papers	Ramesh publication house	
20	NET Multiple choice in Library Science Paper II	C. Lal & K.Kumar	
21	NET Library and information science Paper II	D.K.Pandey	
22	MCQ for Library and Information science	Kanchan Kamila and Biswajit Das	Anu Publishers Kolkatta
23	UGC net exam Library and information science	B.K.sharma & yogesh sharma	Y.K.publishers, new delhi

Scheme of the Examination

- The duration of university exam shall be Two Hours per paper.

Paper No.	Subject	Total Marks	Max. Marks <u>University Exam</u>	
			Objective	Descriptive
Paper 1	Research Methodology	100	60	40
Paper 2	Communication	100	60	40
Paper-3	Core : Library & Inf. Science	100	60	40

Format of the question paper

Paper-1

1. The question paper is divided in two sections:
 - a) Section A : Objective
 - b) Section B : Descriptive
2. Section A carries 60 marks.
3. There will be 60 multiple choice questions.
4. All questions will carry equal marks i.e. 1 mark.
5. All questions will be compulsory.
6. Section B carries 40 marks.
7. There will be two essay type questions with internal option.
8. Both the questions will carry equal marks i.e. 20 marks.
9. Both the questions will be compulsory.

Paper-2

1. The question paper is divided in two sections:
 - a) Section A : Objective
 - b) Section B : Descriptive
2. Section A carries 60 marks.
3. There will be 60 multiple choice questions.
4. All questions will carry equal marks i.e. 1 mark.
5. All questions will be compulsory.
6. Section B carries 40 marks.
7. There will be two essay type questions with internal option.
8. Both the questions will carry equal marks i.e. 20 marks.
9. Both the questions will be compulsory.

Paper-3

1. The question paper is divided in two sections:
 1. Section A : Objective
 2. Section B : Descriptive
2. Section A carries 60 marks.
3. There will be 60 multiple choice questions based on the section A of the curriculum.
4. All questions will carry equal marks i.e. 1 mark.
5. All questions will be compulsory.
6. Section B carries 40 marks.
7. There will be two essay type questions with internal option.
8. Both the questions will carry equal marks i.e. 20 marks.
9. Both the questions will be compulsory.