KADI SARVA VISHVAVIDYALAYA
A university established under Gujarat State Act (no.21 of 2007)
GANDHINAGAR

Coursework
Doctor of Philosophy
in
Library & Inf. Science

2014-15

LDRP Campus, Near ITI & Kh-5 Circle, Sector – 15,
Ph: +91-79-23222664/23241492 www.ksvv.org
Gandhinagar - 382015
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➢ Curriculum of the coursework
  ✔ Paper I
  ✔ Paper II
  ✔ Paper III
  ✔ Scheme of Examination
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
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
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
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:

4. Best, John W. : Research in Education.
**Paper II Communication**

1. What is Communication?
2. Types of Communication
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:**
3. Anderson, Anne and Tony Lynch: Listening, OUP
4. Manuja, Sarita: Write Right, Macmillian.
**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
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 Mall
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. INFUBNET
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:**

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

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.

<table>
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<tr>
<th>Paper No.</th>
<th>Subject</th>
<th>Total Marks</th>
<th>Max. Marks</th>
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<td>Objective</td>
<td>Descriptive</td>
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<td>Paper 1</td>
<td>Research Methodology</td>
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<td>Communication</td>
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<td>Paper-3</td>
<td>Core : Library &amp; Inf. Science</td>
<td>100</td>
<td>60</td>
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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.