SYLLABUS

FOR

Pre Ph.D. Course in
LIBRARY & INFORMATION SCIENCE
(SEMESTER: I - II)

Examinations: 2019-20

GURU NANAK DEV UNIVERSITY
AMRITSAR

Note : (i) Copy rights are reserved.
Nobody is allowed to print it in any form.
Defaulters will be prosecuted.

(ii) Subject to change in the syllabi at any time.
Please visit the University website time to time.
(Semester System)
### PRE PH.D COURSE IN LIBRARY & INFORMATION SCIENCE
(Credit Based Evaluation and Grading System)

**Program Code:- LSZ**
**Department of Library and Information Science**

<table>
<thead>
<tr>
<th>Paper</th>
<th>Course Title</th>
<th>L</th>
<th>T</th>
<th>P</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Semester-I</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>LSL-901  C Research Methods in Library &amp; Information Science</td>
<td>3</td>
<td>-</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>LSL-902  C Emerging Trends in Library &amp; Information Science</td>
<td>3</td>
<td>-</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>LSP-903  C Seminar</td>
<td>-</td>
<td>-</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td>6</td>
<td></td>
<td></td>
<td>7</td>
</tr>
<tr>
<td></td>
<td><strong>Semester-II</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>LSL-904  C Computer Application in Libraries</td>
<td>3</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>LSL-905  C Review of Literature and Research Reporting Or Information Transfer and Dissemination</td>
<td>3</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Interdisciplinary Courses(4 Credits)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>I To be offered from the outside Department</td>
<td>3</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>- - - -</td>
<td></td>
<td></td>
<td></td>
<td>9</td>
</tr>
<tr>
<td></td>
<td><strong>Grand Total</strong></td>
<td>16</td>
<td>Credit Hours</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


PRE PH.D COURSE IN LIBRARY & INFORMATION SCIENCE
(Credit Based Evaluation and Grading System)

Semester-I
LSL-901: Research Methods in Library & Information Science

Credits: 3-0-0 (L-T-P)                       Total marks: 100 marks
Time: 3 Hrs.                          Major Exam: 80 marks
                                            Mid Term: 20 marks
                                            Mid Semester Examination: 20% weightage
                                            End Semester Examination: 80% weightage

Instructions for the Paper Setters:
Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four
Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are
required to attempt five questions, selecting at least one question from each Section. The fifth
question may be attempted from any Section.

Section A
- Research: Definition, Importance and types.
- Research Design: Types of research design; Identification, selection and formulation of
  research problem; Hypothesis formulation; designing research proposal; literature search:
  print, non-print and electronic resources.

Section B
- Research techniques and tools: Questionnaire, interview, observation and sampling
  techniques.
- Scientific method: Definition, steps. Spiral of scientific method; Application of scientific
  method in the field of Library and Information Science.

Section C
- Research Methods: Scientific, Historical, Descriptive, Experimental, Statistical - their
  application in Library & Information Science.

Section D
- Statistical Techniques: Measurement of Central Tendency, Mean, Median and Mode.
- Presentation of data: Tabular, graphic, bar diagram, pie chart etc.
- Computerized data analysis: Description, analysis and interpretation
Suggested Readings:

PRE PH.D COURSE IN LIBRARY & INFORMATION SCIENCE
(Credit Based Evaluation and Grading System)
Semester-I
LSL-902:-Emerging Trends in Library & Information Science
Credits: 3-0-0 (L-T-P)            Total marks: 100 marks
Time: 3 Hrs.               Major Exam: 80 marks
Mid Term: 20 marks
Mid Semester Examination: 20% weightage
End Semester Examination: 80% weightage

Instructions for the Paper Setters:
Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

Section A
• Emerging technologies and trends in modern library, Digital library development - issues involved; Intellectual property rights in digital environment.

Section B
• Internet, Internet based resources and services.
• Electronic resources: management and organization.

Section C
• Information/Knowledge Society: Genesis, characteristics and implications.
• Marketing of Information: Marketing of library & information products and services.

Section D
• Information Analysis and Consolidation: Concept, need and purpose.
• Packaging and repackaging: Concept, need, purpose and criteria

Suggested Readings:


Semester-II
LSL-904:--Computer Applications in Libraries

Credits: 3-0-0 (L-T-P)  Total marks: 100 marks
Time: 3 Hrs.  Major Exam: 80 marks
Mid Term: 20 marks
Mid Semester Examination: 20% weightage
End Semester Examination: 80% weightage

Instructions for the Paper Setters:
Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

Section A
- Library automation: planning and implementation of library automation; Use of computers for in-house library operations and information storage and retrieval.

Section B
- Library application software packages: SOUL, LIBSYS, WINISIS and KOHA.
- Databases: Bibliographic, full text and multimedia.

Section C
- Communication technologies: Fundamentals of telecommunication technology; networks and networking.
- Library networks in India.

Section D
- Web 2.0: Concept, features, tools and services. Library 2.0: Concept.

Suggested Readings:
Semester-II

LSL-905: Review of Literature and Research Reporting

Credits: 3-0-0 (L-T-P)            Total marks: 100 marks
Time: 3 Hrs.               Major Exam: 80 marks

Mid Term: 20 marks
Mid Semester Examination: 20% weightage
End Semester Examination: 80% weightage

Instructions for the Paper Setters:
Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

Section A
- Review of literature: Guidelines; Review of print, non-print, electronic and web resources.
- Book and article reviews: guidelines for preparing reviews.

Section B
- Abstracting: types and guidelines for preparing abstracts.
- Information Retrieval models: Boolean search and Hypertext search.

Section C
- Research Reporting: Report writing, structure style, contents and guidelines for research reporting.

Section D
- Style manuals: MLA and APA. Citing print and electronic documents.

Suggested Readings:
Semester-II
LSL-905:- INFORMATION TRANSFER AND DISSEMINATION

Credits: 3-0-0 (L-T-P)                  Total marks: 100 marks
Time: 3 Hrs.                          Major Exam: 80 marks
                                                Mid Term: 20 marks
                                                Mid Semester Examination: 20% weightage
                                                End Semester Examination: 80% weightage

Instructions for the Paper Setters:
Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four
Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are
required to attempt five questions, selecting at least one question from each Section. The fifth
question may be attempted from any Section.

Section A
- Information: Characteristics, nature, value and use.
- Conceptual difference between data, information and knowledge.

Section B
- Role of Information in planning, decision making, management etc.
- Information communication channels, barriers.

Section C
- Barriers to information communication.
- Information Services: CAS, SDI, Abstracting and Indexing.

Section D
- Economics of Information: Information as an economic commodity.
- Role of libraries in information and knowledge management.

Suggested Readings:
2. Cleveland, Donald B. and Cleveland Ana D. Introduction to Indexing and Abstracting.
3. Foskett, A.C. Subject Approach to Information. Ed. 5. London: Library Association,
   1996.