# MASTER OF PHILOSOPHY IN LIBRARY SCIENCE
## SYLLABUS SESSION 2013-14

### CURRICULUM

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Papers</th>
<th>Max. Marks</th>
<th>Ex. Hrs.</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Research Methodology</td>
<td>100</td>
<td>3</td>
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<tr>
<td>2</td>
<td>Emerging Thrust Areas in Library &amp; Information Centre</td>
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<td>3</td>
<td>Specialization</td>
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<td>Dissertation</td>
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### Paper – I

**RESEARCH METHODOLOGY THEORY AND TECHNIQUES**

**Unit - I**
Research - Definition - Importance and Meaning of research - Characteristics of research - Types of Research - Steps in research - Identification, Selection and formulation of research problem - Research questions - Research design - Formulation of Hypothesis - Review of Literature.

**Unit – II**
Sampling techniques : Sampling theory - types of sampling - Steps in sampling - Sampling and Non-sampling error - Sample size - Advantages and limitations of sampling.
Collection of Data : Primary Data - Meaning - Data Collection methods - Secondary data - Meaning - Relevances, limitations and cautions.

**Unit – III**

**Unit – IV**
Para metric tests : Testing of significance - mean, Proportion, Variance and Correlation - testing for Significance of difference between means, proportions, variances and correlation co-efficient. Chi-square tests - ANOVA - One-way and Two-way.

**Unit – V**
Research Report : Types of reports - contents - styles of reporting - Steps in drafting reports - Editing the final draft - Evaluating the final draft.

### Reference Books

1. Statistical Methods - S.P. Gupta
2. Research Methodology Methods and Techniques - C.R. Kothari
3. Statistics (Theory and Practice) - B.N. Gupta
4. Research Methodology Methods and Statistical Techniques - Santosh Gupta

PAPER II:
EMERGING THRUST AREAS IN LIBRARY & INFORMATION CENTRE

UNIT - I

UNIT - II
Social, Economical and Psychological Implications of Automation - System Study and planning for automation - Computerization of various housekeeping operations - a study of some important Library automation packages - CDS/ISIS, SOUL, LIBSYS etc.

UNIT - III
Networking: Types, Applications and relevance - transmission Media; Digital Networks: LAN, WAN, ISDN, PSTN, Optical Communication System; FAX, Modem, teletext, videotext, e-mail, Internet & Intranet - Study of important networks - NICNET, INDONET, Inflibnet, Ernet, Delnet etc.,

UNIT- IV

UNIT - V

UNIT - VI

BOOKS RECOMMENDED:

PAPER IV
Dissertation