

LSP504: METHODS IN LIS RESEARCH (PRACTICE)

Objectives:

- To familiarize students with the differentiation between a purpose statement, a research question or hypothesis, and a research objective;
- To know how sample size is determined in qualitative research;
- To understand the link between quantitative research questions, data collection and how research questions are operationalized in educational practice;
- To understand the criteria that can be used to select an appropriate statistical test to answer a research question or hypothesis;
- To study the steps involved in qualitative data collection;
- To enable students should understand why qualitative data analysis is considered to be “interpretive.”;
- To understand the conventions of good APA style for scholarly writing.

Course Outcomes (CO):

- CO1 Develop understanding of various kinds of research, objectives of doing research, research process, research designs and sampling;
- CO2. Have basic knowledge on qualitative research techniques;
- CO3. Have adequate knowledge on measurement & scaling techniques as well as the quantitative data analysis;
- CO4. Have basic awareness of data analysis, and hypothesis testing procedures;
- CO5 Familiar with conducting a literature review for a scholarly educational study;
- CO6 Familiar with ethical issues in educational research, including those issues that arise in using quantitative and qualitative research;
- CO7 Acquaintance with SPSS, PSPP, Mendeley, Zotero and EndNote.

(Each student shall compulsorily maintain practical record and submit the same at the time of practical examination)

Unit 1: Formulation of research objectives, hypotheses	10hrs
Unit 2: Review of literature	10hrs
Unit 3: Design of a questionnaire	10hrs
Unit 4: Acquaintance and hands-on experience with SPSS / PSPP	10hrs
Unit:5: Reference management tools: Mendeley / Zotero / EndNote	10hrs
Unit 6: Report writing	12hrs
Total	62hrs