


Department of Liberal Education
Era University, Lucknow
Course Outline
Effective From: 2023-24

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|---|---|---|--------------------------------|---|-----------------|--|--|
| Name of the Program | | B.A. / B.Sc. (LIBERAL EDUCATION) | | Year/ Semester: | | 2nd / 4th | |
| Course Name | Introductory Social Science Research/Research Methodology | Course Code: | RM201 | Type: | Theory | | |
| Credits | 02 | | | Total Sessions Hours: | 30 Hours | | |
| Course Description | <ol style="list-style-type: none"> 1. Liberal Education program requires multi-disciplinary approach to explore, search, collect data, analyze and summarize an issue as an essential tool of learning. 2. This course is intended to help a student explore the curiosity and enquiry in studying Humanities and Social Sciences among other subjects in the program. 3. This is an introduction into formal academic methods enquiry. 4. The exercises will be used from subjects being taught in the semester. | | | | | | |
| Evaluation Spread | Internal Continuous Assessment: | 100 Marks | | End Term Exam: | - | | |
| Type of Course | <input type="radio"/> Compulsory | <input type="radio"/> Core | <input type="radio"/> Creative | <input checked="" type="radio"/> Life Skill | | | |
| Course Objectives | <ol style="list-style-type: none"> 1. This interdisciplinary course attempts to teach students a few simple statistical tools that will enhance their ability to deal with real-life applications of data. 2. The objective is to introduce the language of research, ethical principles and challenges, and the elements of the research process within quantitative, qualitative, and mixed methods approaches. 3. To enhance the practical knowledge of research tools and techniques by applying it in disciplinary and inter-disciplinary academic work in science, humanities and social sciences. | | | | | | |
| Course Outcomes (CO): <i>After the successful course completion, learners will develop following attributes:</i> | | | | | | | |
| Course Outcome (CO) | Attributes | | | | | | |
| CO1 | Learn the conceptual meaning of research, be aware of the ethical principles of research, ethical challenges and approval processes. | | | | | | |
| CO2 | Student will learn about the quantitative, qualitative and mixed methods approaches for different research problems and designs. | | | | | | |
| CO3 | Students will understand the difference between primary and secondary data in terms of collection methods, sources and their utility in research. | | | | | | |
| CO4 | Students will be familiar with tools to visualize and tabulate different types of variables and run analysis to produce descriptive statistics for data. | | | | | | |
| Pedagogy | Interactive, discussion-bases, student-centered, presentation. | | | | | | |
| Internal Evaluation Mode | <ul style="list-style-type: none"> • Activity • Class Participation/Attendance • Assignments/Presentation • Final Presentation | | | | | | |

| Session Details | Topic | Hours | Mapped CO | | | | | | | | | | | |
|---|--|-------|-----------|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| Unit 1 | Introduction to Research: <ul style="list-style-type: none"> • Meaning of Research • Objectives of Research • Motivation of Research • Significance of Research • Criteria for good Research • Research methods versus Research methodology • Ethics and Criticality in Research • Holistic Research- togetherness of Science, Humanities and Arts | 09 | CO1 | | | | | | | | | | | |
| Unit 2 | Basics of Research: <ul style="list-style-type: none"> • Research Problem • Types of Research & Research Approaches • Research design • Different Research Designs • Research Proposal • Plagiarism: Definition, Software and other techniques for plagiarism checking. | 06 | CO2 | | | | | | | | | | | |
| Unit 3 | Collection of data: <ul style="list-style-type: none"> • Meaning of Data • Types & levels of measurement of data • Sources of data -Primary versus Secondary • Techniques of data collection-Census versus Survey • Questionnaire | 07 | CO3 | | | | | | | | | | | |
| Unit 4 | Representation of data: <ul style="list-style-type: none"> • Tabular presentation of data • Measures of Central tendency • Measures of Dispersion • Correlation • Graphical Presentation of data-Bar chart, Pie chart, Histogram, Frequency Curve, Line Chart | 08 | CO4 | | | | | | | | | | | |
| CO-PO and PSO Mapping | | | | | | | | | | | | | | |
| CO | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 |
| CO1 | 3 | 2 | 3 | 1 | 2 | | 2 | 2 | 3 | 2 | 3 | 1 | 3 | 3 |
| CO2 | 2 | 1 | | 1 | 1 | | | | 2 | 1 | | 1 | 2 | 2 |
| CO3 | | | | | 1 | | | | 2 | | | | 1 | 2 |
| CO4 | 1 | 2 | 1 | | | | 2 | | 1 | | 1 | | 2 | 1 |
| <i>Strong contribution-3, Average contribution-2, Low contribution-1,</i> | | | | | | | | | | | | | | |
| Suggested Readings: | | | | | | | | | | | | | | |
| Text- Books | 1. Kothari C.R (1985). Research Methodology: Methods and Techniques, New Age International Publishers. 2. Punch, Keith (1996). Introduction to social Research, Sage Publications, London. | | | | | | | | | | | | | |
| Reference Books | 1. Ahuja Ram (2001). Research Methods, Rawat Publications, Delhi. | | | | | | | | | | | | | |

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| | 2. Bryman Alan (2016). Social Research Methods, Oxford University Press. | |
| Para Text | Unit 1: 1. https://www.youtube.com/watch?v=pNt-vTY70mc 2. https://www.youtube.com/watch?v=Te4NL90P-EQ Unit 2: 1. https://www.youtube.com/watch?v=PAPcSRcc7Pc 2. https://www.youtube.com/watch?v=Z56RPZz7Hqo Unit 3: 1. https://www.youtube.com/watch?v=E1C5hB0yAM4 2. https://www.youtube.com/watch?v=0_HpiRFRNAk Unit4: 1. https://www.youtube.com/watch?v=csXmVBw8cdo 2. https://www.youtube.com/watch?v=kn83BA7cRNM | |
| Recapitulation & Examination Pattern | | |
| Internal Continuous Assessment: | | |
| Component | Marks | Pattern |
| Mid Semester | - | <u>NIL</u> |
| Activity | 20 | Will be decided by subject teacher |
| Class Participation /Attendance | 10 | Students' role and activities in class discussion |
| Assignment/ Presentation | 20 | Assignment to be made on topics and instruction given by subject teacher |
| Final Presentation | 50 | As per topic selected/given |
| Total Marks | 100 | |

Course Revised by: Dr. Abdul Quddoos

Signature: 

Approved by:

Signature: