# School of Studies in Economics

## Pt.Ravishankar Shukla University Raipur

**CURRICULUM & SYLLABI**

# Ph. D. Course Work

**Session: 2024-25 & onwards**

# School of Studies in Economics

## Pt. Ravishankar Shukla University Raipur (C.G.)

### Ph.D. Course Work Syllabus

### Programme Structure

**Duration: Six Months**                                    **Maxi. Marks200**

| Paper no. | Name of Papers | MARKS |
|---|---|---|
| 1. | Methodological Aspect of Economic Research and Fundamental of Computer Applications | 100 |
| 2. | Project Work | 100 |
| | a. Project work Report based on Review of Research Work (marks-50) | |
| | b. Project Work Viva-Voce : (Marks-20) | |
| | c. Project Work Presentation : (Marks-15) | |
| | d. Seminar : (Marks – 15) | |
| | TOTAL MARKS | 200 |

# Ph. D Course Work
## Course Code:
## Paper - I: Methodological Aspect of Economic Research and Fundamental of Computer Applications

**Max. Marks: 100**

**Course Outcomes:** At the end of the course the students are expected:

1. To acquire necessary skills to apply appropriate methods to the research in hand.
2. To acquire aptitude for establishing rapport in the fields.
3. To get basic knowledge about sampling methods.
4. To the ability to scan secondary sources for research.
5. To familiar with internet programs usually availed for social science research.
6. To acquire skills to analyze the quantitative and qualitative data.
7. To write a research report.

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|---|---|
| **Unit- I** | **Social Research:** Concept, Research – meaning and types. Objectives, Types of Research, Selection of Research Problem & Formulation of Hypothesis, Research Design, Motivation of research, Criteria of a good research |
| **Unit- II** | **Nature & Types of Data :** Primary & Secondary data, Quantitative & Qualitative data, Use of Secondary Sources: Census, Survey Report of different Govt. Sampling techniques: Meaning & Significance of Sampling, Types of Sampling, Merits & Demerits of different Sampling Methods. |
| **Unit- III** | **Tools & Techniques of Data Collection:** Observation, Interview, Questionnaire & Schedule, Case study, Measurement and scales.<br>**Qualitative Data Analysis Methods:** Content Analysis, Tabulation & Interpretation of Data<br>**Processing of survey data:** Cleaning of data and its coding, Report Writing. |
| **Unit- IV** | **Elementary Statistics :** Measures of Central Tendency: Mean, Median, Mode, Measures of dispersion: Range, Average Deviation, Standard Deviation, Test of Significance: t-test, Chi-square Test, Correlation, Regression and ANOVA: One-way, Two-way. |
| **Unit -V** | **Basic Knowledge of Computer Application** , MS Office: MS Word, MS Excel, |

| | Power Point, SPSS (Evolution Version), Uses of Computer Applications in Research. |
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**Paper – II: Practical (Max. Marks - 100)**

**Part – A  Project work Report (marks-50)**

The candidate shall review minimum 20 research articles of a broad research area from referred journals of the discipline. After reviewing the research articles the candidate has to submit a summary chronologically developing the arguments to the Department within two months from the beginning of the Course. On the basis of the review of literature the candidate has to prepare a Synopsis which includes :

- Research Topic
- Review of Literature
- Gaps in earlier Studies
- Statement of Problem
- Objectives
- Hypotheses
- Methodology
- Plan of the Study

**Part – B  Project Work Viva-Voce : (Marks-20)**

The viva voce will be conducted with the help of an external examiner in the presence of the internal examiner.

**Part – C  Project Work Presentation : (Marks-15)**

The candidate has to present a power point present on the basis of the suggestions made in the project work. Final examination will be conducted with the help of an external examiner in the presence of the internal examiner.

**Part – D  Seminar: (Marks-15)**

The candidate has to present a weekly seminar conducted in the department in the presence of the internal examiner and respective faculty membrs.

## Recommended Readings:

1. Goode & Hall. **Methods in Social Research**, McGraw Hill, International Japan, 1983.

2. Young, P.V. **Scientific Social Survey and Research**, Prentice Hall of Indian, New Delhi, 1984.

3. Raja Raman, V. **Fundamental of Computer**, Prentiee Hall of India, New Delhi, 1996.

4. Kenneth D. Bailey..**Methods of Social Research**, The free Press, London, 1982.

5. Piergiorgio, Earbetta. **Social Research: Theory, Methods & Techniques**, sage Publication, New Delhi, 2003.

6. Kothari, C.R. & Garg, G. **Research Methodology: Methods And Techniques (Fourth Edition)**, New Age International Publishers New Delhi, 2019.

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