

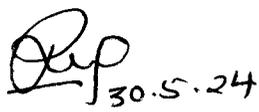
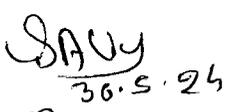
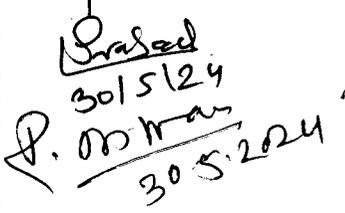
Pt. Ravishankar Shukla University

Raipur C.G.

Curriculum & Syllabi
(Based on CBCS& LOCF)

Session -2024-25 onwards

for Ph.D. Course work in Home Science

Approved by	Board of studies	SIGNATURE
Dr Rashmi Minj	Chairman	 30.5.24
Dr Arti Diwan	Expert	
Dr Sandhya Verma	V C nominee	 30.5.24
DR Shipra Banerjee	Member	 30/5/2024
Dr Saroj Bala Prasad	Member	
Dr Rekha Diwan	Member	 30/5/24 30.5.2024

Paper-I

RESEARCH METHODOLOGY AND COMPUTER APPLICATION

Max. Mark-100

Unit-I Research Methodology

- Scientific methods.
- Types of research- Historical, descriptive, experimental, case study, social research.
- Selection of research problem.
- Formulation of Hypothesis- basic assumptions, limitation and delimitations of the problem.
- Research Design
- Types of variables.

Unit-II Tools and Techniques of Data Collection

- Sampling methods
- Nature and Types of Data.
- Data gathering instrument Observation, Questionnaire & Schedule, Interview, Scaling methods.

Unit-III Analysis of Data

- Method of Data analysis, Content analysis.
- Tabulation and interpretation of Data.
- Frequency distribution.
- Normal distribution- use of normal probability tables.
- Parametric and non-parametric tests.
- Report Writing.

Unit-IV Statistical Analysis

- Test of significance- t test, Chi-square test.
- Karl Pearson's Correlation Coefficient.
- Regression and prediction.
- Analysis of variance-one way and two-way.
- Testing of hypothesis, type I and type 2 errors, levels of significance.
- Goodness of fit.

Unit-V Computer Fundamentals

- Introduction
- The Computer system
- Important characteristics
- Brief knowledge of Computer application.

Dr. P. S. S. S.
30.5.24

- Windows-Basic concept & features of XP/2007.
- M.S. office
 - Ms Word-Creating, editing and formatting of documents.
 - Ms Excel - Formation of worksheet & data feeding.
 - Power Point-Creating, presenting & modifying slide shows.
- Introduction of internet.
- Statistical Software's i.e. (S.P.S.S.).
 - Research Ethics
 - IPR
 - Cyber Law
 - Copy right
 - Reference writing & Bibliography

Paper-II

Review of Literature and Project work

Max. Mark-100

(A) Review of Literature (50 Marks)

Writing "Review of literature" (minimum 20 research articles) of broad area of proposed Ph.D.

course work from reputed journals under the supervision of supervisor (Standard reference pattern should be followed)

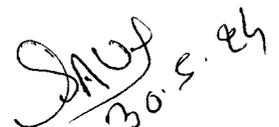
(B) Project Work (50 marks)

On the basis of pilot study candidate will prepare synopsis under the supervision of supervisor and will submit as project report.

Books Recommended

1. Bhatanagar, G.L. (1990) research methods and measurements in behavioral and Social Science Agai Cole Publishing agency, New Delhi.
2. Bhandarkar P.L. and Wilkinson T.S. (2000) methodology and techniques of Social research, Himalaya Publishing house Mumbai.
3. Garreltt, Henry E. 1971: Statistics in Psychology and education, David & Co.
4. राय, पारसनाथ. (2008), अनुसंधान परिचय, लक्ष्मी नारायण अग्रवाल, आगरा
5. मुखर्जी, रवीन्द्र नाथ. (2013-14), सामाजिक शोध व सांख्यिकी, विवेक प्रकाशन




30.5.24