

P.G. Department of Political Science

Ph.D. Syllabus

(As per Approved Guidelines of Academic Council 2011)

Introduction:

The world is undergoing rapid changes in the knowledge landscape. Therefore, it is important to conduct quality research with integrity, the outcomes of which can add knowledge to the society. The NEP and University Grants Commission (UGC) is committed to raising the standards of research at institutions of higher education in India which will help in raising the benchmarks of research performance and enhancing the reputation of individuals, institutions beyond boundaries. .

With these objectives, the Phd programme in Political Science, Utkal University has been designed to strengthen research methodology skills of research scholars

Learning Objectives

- i. To develop a sound understanding in research methodology.
- ii. To familiarize research scholars with rresearch techniques
- iii. To upgrade knowledge of Computer Aided Analysis and new research softwares to facilitate quality research.

Expected Outcomes:

- i. Help research scholars to develop rational and logical thinking.
- ii. Help research scholars to develop the skill of using good and appropriate research techniques to enrich their research
- iii. Develop confidence of research scholars to publish their research results in good journals and make their work more visible to community

Paper- I: Research Methodology

Unit - I: Research Fundamentals

Research: Meaning, objectives and features, Types of Research Studies, Scientific and Non-Scientific Research Methods

Unit – II: Research Problem: Hypothesis - Nature, Types, Role and Validity, Development of Research Plan.

Unit – III: Research Design: Meaning and Types

Sampling: Meaning and Types

Unit IV: Data Collection: Primary and Secondary, Methods and Techniques, Survey Method, Questionnaire and Schedules, Case Study Method.

Unit V: Research Report Writing: Styles of Report Writing – Chicago and MLA Style

(Note: Examination shall be Unit wise covering 20 marks each, of which qualifying mark is 10. If a candidate fails to get 10 in each Unit S/he can repeat the same twice during course work period.)

Paper – II Research Techniques and Computer Aided Analysis

Marks - 100

Unit –I: Measurement and Scales: Types of Scales, Frequency Distribution, Measurement of Central Tendency, Dispersion

Unit- II: Statistical Analysis and Data Interpretations, Testing of Hypothesis, t- test, Z test, Chi-Square Test, Probability and Normal Distribution.

Unit-III: Co-relation and Regression analysis ANOVA.

Unit IV: Factor Analysis: Coefficient of determination.

Unit V: Computer Aided Data Analysis – M S Excel / SPSS

(Note: Examination shall be Unit wise covering 20 marks each, of which qualifying mark is 10. If a candidate fails to get 10 in each Unit S/he can repeat the same twice during course work period.)

Paper –III - Review of Literature

Marks - 100

Unit-I: Preparation of Review of Literature on the Project – 50 Marks

(Qualifying mark is 25)

Unit- II: Presentation of Review of Literature before SRC or DTC - 50 marks

(Qualifying mark is 25)

Paper - IV – Seminar Presentation

Unit – I: One Seminar Presentation on the aspect of the Project ---

50 marks

Unit – II: One Seminar Presentation on the aspect of the Project ---

50 marks

(Qualifying mark is 25 in each part)
