

Department of Psychology, Saurashtra University, Rajkot

M. Phil. / Ph. D. Coursework Psychology (2018-19)

The UGC Regulation 2016 : Minimum Standards and Procedures for award of M. Phil. / Ph. D. degree as approved by Saurashtra University vide its Syndicate and Senate Resolutions No. 59 and No. 4-B (30) of their meetings dated 29/12/2016 and 07/01/2017 respectively, and circulated vide PGTR circular No. PGTR/PhD/1/254/2017 dated 25/01/2017 has the following provisions for the Coursework:

6	Credit Requirements, number, duration, syllabus, minimum standards for completion, etc.
6.1	The credit assigned to the M.Phil. or Ph.D. course work shall be a minimum of 08 credits and a maximum of 16 credits.
6.2	The course work shall be treated as prerequisite for M.Phil./Ph.D. preparation. A minimum of four credits shall be assigned to one or more courses on Research Methodology which could cover areas such as quantitative methods, computer applications, research ethics and review of published research in the relevant field, training, field work, etc. Other courses shall be advanced level courses preparing the students for M.Phil./Ph.D. degree.
6.3	All courses prescribed for M.Phil. and Ph.D. course work shall be in conformity with the credit hour instructional requirement and shall specify content, instructional and assessment methods. They shall be duly approved by the authorized academic bodies.
6.4	The Department where the scholar pursues his/her research shall prescribe the course(s) to him/her based on the recommendations of the Research Advisory Committee, as stipulated under sub-Clause 7.1 below, of the research scholar.
6.5	All candidates admitted to the M.Phil. and Ph.D. programmes shall be required to complete the course work prescribed by the Department during the semesters.
6.6	Candidates already holding M. Phil. degree and admitted to the Ph.D. programme, or those who have already completed the course work in M.Phil. and have been permitted to proceed to the Ph.D. in integrated course, may be exempted by the Department from the Ph.D. course work. All other candidates admitted to the Ph.D. programme shall be required to complete the Ph.D. course work prescribed by the Department.
6.7	Grades in the course work, including research methodology courses shall be finalized after a combined assessment by the Research Advisory Committee and the Department and the final grades shall be communicated to the Institution/College.
6.8	A M.Phil./Ph.D. scholar has to obtain a minimum of 55% of marks or its equivalent grade in the UGC 7-point scale (or an equivalent grade/CGPA in a point scale wherever grading system is followed) in the course work in order to be eligible to continue in the programme and submit the dissertation/thesis.
M.Phil/Ph.D. Ordinance, Saurashtra University, Rajkot, December - 2016	

Keeping in the view above M. Phil. / Ph.D. Ordinance of the Saurashtra University, the credit requirements, number of courses to be taught, duration of the coursework, syllabus, minimum standards for completion of the coursework, the Coursework in Economics shall be as follow:

1.0 The Coursework shall be of 8 credits total. It shall consist of two papers each of 4 credits and Having 100 marks each.

Course Code	Title	Credit	Marks
C-1	Research Methodology	4	100
C-2	Major Theories of Psychology	4	100

2.0 Credit hours requirement, Instructional and assessment methods:

2.1 Teaching work for four credits per course shall involve aggregate 60 hrs of teaching (including lectures, seminars and presentations).

2.2 Minimum of 75% attendance is required in the coursework.

2.3 Assessment method:

Paper Code		Mode of Assessment	Marks	Time
C-1	i	Semester end examination	50	90 min
	ii	Review of Literature	20	
	iii	Assignment	15	
	iv	Presentation	15	
C-2	i	Semester end examination	50	90 min
	ii	Assignment on Major theories of Psychology	25	
	iii	Seminar on Major theories of Psychology	25	

Note: (i) Semester end examination shall be of MCQ type
(ii) Review of literature must contain minimum 12 to 15 references pertaining to candidate's M. Phil. / Ph.D. research work.
(iii) Topics of Assignments and presentation shall be form respective papers i.e. C-1 & C-2.

3.0 Minimum standards for completion of the coursework: M. Phil. / Ph.D. scholar has to obtain minimum 55% marks for successful passing of coursework and being eligible to continue in the M. Phil. / Ph.D programme to submit the M. Phil. / Ph.D. dissertation/ thesis.

Research Methodology (C-1)

Introduction:

Meaning of Research - What is Research? - Nature and Objectives of Research - - Types of Research - Applied Research - Types of Psychological Research - Importance, Need or Utility of Research - Research Method Versus Methodology - Criteria of Good Research - Ethics in Social Science Research- Steps in Research- Problem Selection - Research Hypothesis - Research Variable – Review of Literature Qualitative Research : What is Qualitative Research ? Qualitative Research Method / Qualitative Data Collection Method (Observation, Interview, Focus Group Discussion, Other Methods) - Common Qualitative Study Design - Analysis of Qualitative Data - Types of Qualitative Data - Qualitative Vs Quantitative: Basic Difference

Sampling:

Meaning of Sample - Representative Sample - Purpose of Sampling Design – Difference between Population and Sample - Steps of Sampling Design - Characteristics and Importance or Advantage of Sampling - Limitations of Sampling - Types of Sampling - Probability Sampling - Non-probability Sampling - Sampling Errors of Errors in Sampling, Research Design : Purpose of the Research Design - Types of Research Design - Experimental Design - Advantages and Disadvantages of Experimental Design, Secondary Data.

Psychological Tests:

Introduction to measurements, levels of measurement (measurement scale) Functions of Measurements- Psychological Measurement vs. Physical Measurements, Characteristics of a Good Test- General steps of Test Construction - Purposes and Utility of Psychological Tests, Test Standardization : Test Content - Item Writing - Item Analysis - Validity - Reliability - Norms - Data Analysis - Various Statistical software to analyze data- SPSS, STATA, MATLAB, MS excel- Interpretation and Writing Research Report : Main Purpose of Research Report - Importance of Research Report - Computer in Research : Computer and Computer Technology - Use of Computer in Research.

Statistics in Research:

Introduction of Statistic - Meaning of Statistic - Types of Statistics - Importance of Statistics - Limitations of Statistics – Measures of central tendency, Measures of variability or Spread-Range, Quartile deviation, Standard Deviation-Normal Probability curve and its main characteristics- Parametric vs Non parametric Statistics- Parametric Statistics t-test, Z test, F

Test, Pearson Correlation, Non parametric Statistics - Chi Square (X^2) test - Sign test - Mann Whitney U Test - Other correlation – Spearman rho and Kendall's tau- The Friedman two way analyses variance.

MAJOR THEORIES OF PSYCHOLOGY (C-2)

Unit-1: Theories of Perception- Physiological theory, Gibson's Direct theory of Perception : An Ecological perspective, Information Processing theory, Gestalt theory, Behaviorist theory.

Theories of Attention- Bottleneck theory, Norman & Bobrov's theory.

Unit-2: Theories of Learning- Thorndike's theory, Skinner's theory & Piaget's theory.

Theories of Memory- Hierarchical network model, Set theoretic model, Feature comparison model.

Unit-3: Theories of Motivation- Instinct theory, Drive theory, Incentive theory, Opponent – process theory, Optimal – level theory, Need – hierarchies theory.

Theories of Emotion: James-Lange Theory, Cannon-Bard Theory, Schacter-Singer Theory, Cognitive-Appraisal Theory, Lindsley Activation Theory, Facial Feedback Hypothesis.

Unit-4: Theories of Intelligence- Factorial Theories,

Process-Oriented Theories. Spearman's Two-factor Theory, Thurstone Group Factor Theory, Multi-factor Theory.

Theories of Personality: Sigmund Freud's Theory, New Psychoanalytical Approach: Jung, Adler, Gordon Allport's Theory, Cattell's Theory, Abraham Maslow's Theory, Albert Bandura's theory.

Above coursework for M.Phil./ Ph.D. in Psychology is passed after due discussion by teachers undersign.

Dr. M. D. Desai (Prof. & Head)

Dr. J. A. Jarsaniya (Chairman, B.O.S.)

Dr. Y.A. Jogsan (Asso.Prof.)

