

# Ph. D. Coursework Program, 2019

## Mohanlal Sukhadia University

**Faculty: Education**

**Venue: Vanijya Bhawan, MLSU**

**Paper1: ICT & RM**

**May 16, 2019**

### Tentative Schedule

Time: 9am to 11 am

Date	Topics
May 20, 2019 (Monday)	Inauguration of Coursework
May 21, 2019 (Tuesday)	Research Concept and Application, Types of Research
May 24, 2019 (Friday)	Writing of Term paper
May 25, 2019 (Saturday)	Research Problem: Characteristics, Importance and its sources, consideration and its formulation
May 27, 2019 (Monday)	Ethical Dimensions of Research: Relation

	Between facts and values in Education
May 28, 2019 (Tuesday)	Paradigms of Research, Different steps in research process,
May 29, 2019 (Wednesday)	Philosophy of Research
May 30, 2019 (Thursday)	Objectives, Formulation of Objectives Hypothesis: Concept, types and formulation.
May 31, 2019 (Friday)	Research Methodology
June 1, 2019 (Saturday)	Review of Literature, reasons for review procedure of review, writing of literature reviewed
June 3, 2019 (Monday)	Experimentation and different types of Experimental designs
June 4, 2019 (Tuesday)	Non Experimental Designs : Survey Method (Descriptive and Normative)
June 7, 2019 (Friday)	Making empirical observations: direct and indirect analysis, content analysis

June 8, 2019 (Saturday)	Case study, alternative research strategies
June 10, 2019 (Monday)	Variables and their types
June 11, 2019 (Tuesday)	Measurement indexes, scales
June 12, 2019 (Wednesday)	Preparation of Tool : (Schedules , Questionnaire , Rating Scales) Item Analysis
June 13, 2019 (Thursday)	Sampling : basics, types, margin of error
June 14, 2019 ( Friday)	Measures of Central Tendencies and Variability( S. D. and Variance)
June 15, 2019 (Saturday)	Parametric and Non parametric Statistics: Concept , differences and uses
June 17, 2019 (Monday)	
June 18, 2019 (Tuesday)	
June 19, 2019 (Wednesday)	Data Analysis : univariate data Analysis, frequency distribution, Descriptive statistics measuring
June 20, 2019 (Thursday)	Difference of Means test: Analysis of Variance
June 21, 2019 (Friday)	Two Way Analysis of

	Variance, Multivariate data analysis
June 22, 2019 (Saturday)	Chi –Square : Test of goodness of fit
June 24, 2019 (Monday)	Research Design : Causal Inferences and Controlled experiments
June 25, 2019 (Tuesday)	Knowledge of software such as : SPSS
June 26, 2019 (Wednesday)	Use of Computer for Data Analysis: Excel  Coding of Data and Data entry in various Computer Software
June 27, 2019 (Thursday)	Writing styles of References and Bibliography
June 28, 2019 (Friday)	Research Report writing
June 29, 2019 (Saturday)	Feedback and Valedictory of Coursework