Doctor of Philosophy (Ph.D.) in Social Sciences & Humanities

Mission Statement

Creating and disseminating path breaking knowledge, concepts, and tools which advance the understanding and research in the fields of Social Sciences and Humanities

Program Objectives:

1] To provide scholars with necessary skills to identify and research complex issues in the fields of Social Sciences and Humanities.

2] To contribute to the creation, transmission and application of knowledge in the fields of Social Sciences and Humanities.

3] To do research and to contribute to publications of international standard in inter-disciplinary areas of Social Sciences and Humanities that will add value to the society and to the body of knowledge.

4] To meet the teaching and research manpower needs of academia and industry by producing highly skilled individuals with exceptional analytical ability and training in conducting theoretical and applied research.

Program Learning Outcomes:

1] Scholars will be trained in knowledge production in the interdisciplinary and multidisciplinary fields of Social Sciences and Humanities

2] Master the analytical and methodological skills required to evaluate and conduct research in their area of specialization and related areas.

3] Design and conduct original research in their area of study.

4] Demonstrate the ability to communicate the results of their research in a clear and effective manner.

5] Demonstrate an understanding and concern for the high ethical standards in business research, teaching, and service.

CURRICULUM STRUCTURE

Program: Doctor of Philosophy (Ph.D.) in Social Sciences and Humanities
Total Credits: 20
UGC Prescribed Credits: 14 to 16

S. No.	Course Code	Course Name	Contact Hours			Credits
			L	T	P	
1	PHDSSH701	Research Methodology	4	0	0	4
2	PHDSSH702	Statistics for Quantitative Analysis	4	0	0	4
3	PHDSSH703P	Statistical Packages for Research in Social Sciences & Humanities	0	0	4	2
4	PHDSSH704	Research & Publication Ethics	3	0	0	3
5	PHDSSH705	Core Course-1 Philosophy of Social Sciences	3	0	0	3
6	PHDSSH706	Core Course-2*	3	0	0	3
7	PHDSSH707P	Seminar	0	0	4	2
Total Credits			**17**	**0**	**8**	**21**
Total Contact Hours			**25**			

***Core Course will be tailor made according to the specific research interest of the student.**

PROGRAM SYLLABI

Course: RESEARCH METHODOLOGY			
Course Code: PHDSSH701	**L T P**	**4-0-0**	**Credits: 4**

OBJECTIVE	The purpose of this course is to enable the students understand the fundamentals of research methodology and use them in their research endeavor.		
LEARNING OUTCOME	1. To understand the purpose of research, identify a research problem/ need, translate it into a research question and design an appropriate way to answer it. 2. To identify and understand the main qualitative and quantitative methods of business research, their merits and demerits and appropriate application areas. 3. To develop skills in choosing suitable sampling technique, measurement scales, questionnaire design, conducting interviews, surveys, and leading focus groups. 4. To formulate testable hypothesis and choose the most appropriate tools for testing them, develop skills of quantitative data analysis and interpretation of its results. 5. To communicate research findings and their implications in a clear and well-organized way, both orally and in writing.		
COURSE DETAILS	**Module No.**	**Topic**	**Hours**
	1.	Introduction to Social Research: Inquiry: A Fundamental Concept for Scientific Investigation; Research: Meaning and Purpose; Research in Social Sciences and Humanities: Definitions, Types, Nature, and Characteristics; Theory in Humanities Social Science Research	**14**
	2.	Philosophy of Social Science and Research Empiricism, Proof and Evidence; Paradigms: Inductive and/or Deductive Research Designs; Grounded Theory; Qualitative Research.	**12**
	3.	Quantitative Research Approach; Designing Research Proposal in Quantitative Approach, Experimental Method; Social Survey Method; hypothesis testing, measurements, scaling; Survey Questionnaire; Interview Method; Sampling Techniques for Quantitative Research; Data Analysis Techniques for Quantitative Study; Techniques for Reporting Quantitative Data	**12**
	4.	Qualitative Research Approach: Designing a Research Proposal in Qualitative Research; Action and Evidence-Based Research; Participatory Research; Focus Group Discussion; Key Informants' Interviews; Sampling Techniques for Qualitative Research; Data Analysis	**12**

		Techniques for Qualitative Study; Designing a Research Proposal in Mixed-Method Approach	
	5.	**Reporting and thesis writing** Structure and components of scientific reports, Types of report, Technical reports and thesis, Significance, Different steps in the preparation, Layout, structure, and Language of typical reports, Illustrations and tables, Drawing conclusions, Suggestions, Bibliography, referencing and footnotes, Oral presentation, Making presentation, Use of visual aids. Data Collection Instrument Development, Fieldwork and Research Ethics; Plagiarism and Referencing Techniques Used in Social Research Report Writing proposals for research grant	**10**
		Total hours	**60**
TEXTBOOKS	1. Umesh Kumar B. Dubey, D. P. Kothari, *Research Methodology: Techniques and Trends;* Chapman & Hall 2. Islam R,M, Khan, Niaz Ahmed ·and Baikady, Rajendra, Principles of Social Research Methodology. Springer		
REFERENCE BOOKS/ SUGGESTED READING	1. V. Kumar: *International Marketing Research;* Prentice Hall of India 2. Hair, Anderson, Tatham and Black; *Multivariate Data Analysis;* Pearson Education		

Course: Statistics for Quantitative Analysis			
Course Code: PHDSSH702	**L T P**	**4- 0- 0**	**Credits: 4**

OBJECTIVE	To familiarize the students with the concepts of Statistics and their Applications		
LEARNING OUTCOME	1. Portray and examine the key terminology, concept tools and techniques used in statistical analysis 2. To develop basic skills for quantitative application in social situations. 3. Discuss critically and conduct basic statistical analysis of data and its uses and limitations 4. Critically estimate the underlying assumptions of analysis tools 5. Choose a statistical method for solving practical problems		
COURSE DETAILS	**Module No.**	**Topic**	**Hours**
	1.	**Sampling and Estimation:** Introduction to sampling, Random sampling, Introduction to sampling distributions, Estimation -Point and Interval estimates and Confidence Intervals, Calculating Interval Estimates of the Mean for large and small sample sizes, determining the sample size in estimation.	**10**
	2.	**Hypothesis Testing:** Introduction to Hypothesis Testing, Procedure of Hypothesis Testing, Measuring power of Hypothesis Test, Hypothesis testing of Means when the population Standard Deviation is known and not known, Hypothesis Testing for differences between Means for large, small samples and dependent samples, Probability values another way to look at Hypothesis Testing, Limitations of Tests of Significance	**10**
	3.	**Chi- Square and Analysis of Variance:** Introduction, Chi – Square as a Test of Independence, Chi – Square as Test of Goodness of Fit: Testing the Appropriateness of Distribution, The variance Ratio Test and its applications Analysis of Variance, The Complete Randomized Design (One Way ANOVA), Multiple Comparison Tests, Factorial Design (Two Way ANOVA).	**10**
	4.	**Non Parametric Methods:** Introduction to Non-Parametric Statistics, The Sign Test for Paired Data, Rank Sum Tests: The Mann Whitney U Test and the Kruskal Wallis Test, The One Sample Runs Test, The Kolmogorov – Smirnov Test.	**10**

	5.	**Regression & Correlation Analysis:** Linear Regression**:** Statistical Inferences in Linear Regression, Multiple Regression, going beyond a single Explanatory Variable, Significance Testing and Goodness of Fit, and working with Qualitative Variables. Pearson's and Spearman Rank Correlation. Correlational and causation analysis.	**10**
	6.	**Time Series and Forecasting:** Introduction, Variation in Time Series, Trend Analysis, and methods of measurement of Trend, Cyclical Variation, Seasonal Variation, Irregular Variation, Problem solving involving All Four Components of a Time Series, Time Series Analysis in Forecasting.	**10**
		Total hours	**60**
TEXTBOOKS	1. Levin, R. I., Rubin D.S., Rastogi S., Siddiqui, M.H., *Statistics for Management;* Pearson Education 2. Ken Black.; *Business Statistics: For Contemporary Decision Making*; John Wiley & Sons		
REFERENCE BOOKS/ SUGGESTED READING	1. Aczel, Amir. D, Sounderpandian, J, Saravanan, P., *Complete Business Statistics;* McGraw Hill 2. Carver,R. H., Nash, J.G., *Doing Data Analysis with SPSS*; Cengage learning		

Course: STATISTICAL PACKAGES FOR RESEARCH IN SOCIAL SCIENCES AND HUMANITIES *			
Course Code: PHDSSH703P	**L T P**	**0- 0 -4**	**Credits: 2**

OBJECTIVE	This course introduces data analysis using the R programming language. Participants will learn how to import, clean, manipulate, visualize, and analyze data using R. The course emphasizes hands-on exercises and real-world applications to develop practical data analysis skills.		
LEARNING OUTCOME	1. To read-in, enter, organize, and save data in a suitable way. 2. Calculate/recode variables and prepare data for analysis. 3. Conduct descriptive and basic inferential statistics. 4. To become familiar with presentation of statistical output with R. 5. To create and edit graphical displays of data with R		
COURSE DETAILS	**Module No.**	**Topic**	**Hours**
	1.	Introduction to R and RStudio; Basics of R syntax and data types; RStudio interface and project management	**2**
	2.	Data Import and Export: Importing data from different file formats (e.g., CSV, Excel); Exporting data to different file formats; Cleaning and preparing data for analysis. **Data Manipulation with dplyr:** Introduction to the dplyr package for data manipulation, Filtering, sorting, and selecting data, Mutating and summarizing data	**14**
	3.	Data Visualization with ggplot2: Introduction to ggplot2 for data visualization, Creating scatter plots, bar plots, and line plots, Customizing plot aesthetics and themes, Creating advanced plots: histograms, boxplots, and density plots, Faceting and layering for multi-panel plots Exporting plots for publication	**16**
	4.	**Exploratory Data Analysis (EDA):** Understanding distributions and summary statistics, Exploring relationships between variables, Identifying outliers and missing values. **Statistical Inference with R:** Introduction to statistical inference, Hypothesis testing: t-tests, chi-square tests Confidence intervals and p-values; Linear Regression, Understanding the principles of linear regression Simple linear regression with R; Multiple linear regression and model diagnostics;	**14**

	5.	Data Wrangling with tidyr: Introduction to the tidyr package for data reshaping, Converting data between wide and long formats, Handling missing values and creating new variables. Data Analysis with JAMOVI: t test, ANOVA, Wilcoxon signed-rank test for paired samples Mann-Whitney U test for independent samples	**14**
		Total hours	**60**
TEXTBOOKS	1. Li, Yuelin & Baron, Jonathan, Behavioral Research Data Analysis with R. Springer. 2. Strunk, Kamden K. and Mwavita, Mwarumba, Design and Analysis in Educational Research Using JAMOVI. Routledge		
REFERENCE BOOKS/ SUGGESTED READING	1. Sweet Stephen A.; *Data analysis with SPSS;* Allyn and Bacon 2. Barbara M. Byrne; *Structural Equation Modeling with AMOS: Basic Concepts, Applications and Programming*; Routledge		

*For students of History and Literature in place of Statistical Packages for Research in Social Sciences and Humanities, a tailor-made course will be offered in accordance with their research requirement.

Course: RESEARCH & PUBLICATION ETHICS			
Course Code: PHDSSH704	**L T P**	**3-0-0**	**Credits: 3**

OBJECTIVE	This course is through blended sessions of theory and practice is focused on basics of philosophy of science and ethics, research integrity, publication ethics. Hands-on-sessions are designed to identify research misconduct and predatory publications. Indexing and citation databases, open access publications, research metrics (citations, h-index, Impact Factor, etc.) and plagiarism tools will be introduced in this course.		
LEARNING OUTCOME	1. To be able to describe and apply theories and methods in ethics and research ethics 2. To acquire an overview of important issues in research ethics, like responsibility for research, ethical vetting, and scientific misconduct. 3. To acquire skills of presenting arguments and results of ethical inquiries.		
COURSE DETAILS	**Module No.**	**Topic**	**Hours**
	1	**Research Ethics in the Digital Age: Fundamentals and Problems** • Introduction to philosophy: definition, nature and scope, concept, branches • Data Protection Laws, Research Ethics and Social Sciences • Crowd-Based Documentation of Plagiarism	**7**
	2	**Developing Research Standards in a Digitalized World** • Perception of Digital Methods' Ethics among Researchers • Ethical Issues in Collecting Data from Informant of the Field • Redundant publications: duplicate and overlapping publications, salami slicing • Selective reporting and misrepresentation of data	**7**
	3	**PUBLICATION ETHICS (THEORY SESSIONS)** • Publication ethics: definition, introduction and importance • Best practices / standards setting initiatives and guidelines: COPE, WAME, etc. • Conflicts of interest • Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types • Violation of publication ethics, authorship and contributor ship • Identification of publication misconduct, complaints and appeals	**7**

		• Predatory publishers and journals	
	4	**Applying Research Ethics to Different Digital Environments)** • Media Ethics in Research • Intersecting the Digital Maze. Considering Ethics in Cloud-Based Services • Research Ethics and boundary management in Social Media Communication • Reflecting on Ethics in the Investigation of Online Communication during Emergencies.	**7**
	5	**PUBLICATION MISCONDUCT (PRACTICE SESSIONS)** (A) Group Discussions (2 hrs.) 1. Subject specific ethical issues, FFP, authorship 2. Conflicts of interest 3. Complaints and appeals: examples and fraud from India and abroad (B) Software tools (2 hrs.): Use of plagiarism software like Tumitin, Urkund and other open source software tools	**8**
	6	**DATABASES AND RESEARCH METRICS (PRACTICE SESSIONS)** **Databases** (4 hrs.) 1. Indexing databases 2. Citation databases: Web of Science, Scopus, etc. **Research Metrics** (3 hrs.) 3. Impact Factor of journal as per Journal Citation Report, SNIP, SIR, IPP, Cite Score 4. Metrics: h-index, g index, i10 index, altmetrics	**9**
		Total hours	**45**
TEXTBOOKS	1. Dobrick, F M, FischerLutz M., Research Ethics in the Digital Age: Ethics for the Social Sciences and Humanities in Times of Mediatization and Digitization. Springer 2. Oliver P., **"***The Student's Guide to Research Ethics*", Open University Press,		
REFERENCE BOOKS/ SUGGESTED READING	1. Todorovich M, Kurtz P, "*The Ethics of Teaching and Scientific Research*", Miro Torovich; Paul Kurtz; Sidney Hook Prometheus Books, 1977 2. Stanley B. H., Sieber J. E., Melton G. B., "*Research Ethics: A Psychological Approach*", University of Nebraska Press. 3. Salzano F. M., Hurtado A. M.*, "Lost Paradises and the Ethics of Research and Publication",* Oxford University Press.		

Course: PHILOSOPHY OF SOCIAL SCIENCES			
Course Code: PHDSSH705	**L T P**	**3- 0 -0**	**Credits: 3**

OBJECTIVE	This course introduces philosophy of social sciences. It helps scholars to understand a wide range of methodological options.		
LEARNING OUTCOME	1. Understand Philosophy of Social Sciences and Humanities 2. Gain knowledge regarding research paradigms 3. Develop critical insights into research practice 4. Explore exemplary research works and enhance research skills		
COURSE DETAILS	**Module No.**	**Topic**	**Hours**
	1	Research: Meaning and Purpose • Social Research: Definitions, Types, Nature, and Characteristics • Theory in Social Research • Impartiality, value neutrality and standpoint research • Action and Agency • Reductionism • Constructivism	**10**
	2	Philosophy of Social Science and Research Paradigms • Inductive and/or Deductive Research Designs • Positivism • Critical Theory in Social Research: A Theoretical and Methodological Outlook • Narrative Inquiry, Phenomenology, and Grounded Theory in Qualitative Research • Pragmatism • Paradigms	**10**
	3.	Philosophically Informed practice of research • Evidence-Based Research • Participatory Research • Case Study • Ethnographic and Ethographic Methods • Indigenous and Decolonizing Research Methodology • In-Depth Case Interview • Observation • Ethnomethodology • Action Research • Reflexivity in Social Resarch	**10**
	4	**Genealogy and Discourse Analysis**	**12**

		• Genealogy and history, Critical historiography, challenging monotonous finality in history writing, effective history • Problematizing, mapping the emergence, social sense, history of the present, • Genealogy as the history of subjections, Genealogy of Nietzsche compared phenomenology of Hegel in problematizing history, Genealogy of morals, phenomenology of spirit, compared to Marx's dialectic materialism • Archeology of knowledge, power/knowledge, successive epistemes, discursive formation, individuated origin of ideas	
	5	**Discussions on Model Decertations** • Model dissertations in social sciences • Model dissertations in humanities	**18**
		Total hours	**60**
TEXTBOOKS	1. Islam M R, Ahmed Khan N and Baikady. R., Principles of Social Research Methodology. Springer 2. Risjord, M., Philosophy of Social Science: A Contemporary Introduction. Routledge		
REFERENCE BOOKS/ SUGGESTED READING	1. Foucault, M., The archeology of knowledge and the discourse on language. Trans. AM Sheridan Smith. New York: Pantheon Books. 2. Jarvie, I., Sage Handbook of Philosophy of Social Sciences, Sage.		