Mangalore University

Department of Sociology

Ph.D. Pre-Registration Course work Syllabus

(With effect from 2021-22)

Mangalagangothri -574199

2021

Ph.D. Pre-Registration Course work Syllabus

Course – 1 Research Methodology
Course – 2 Research and Publication Ethics (RPE)
Course – 3 Review of Literature
Literature Review Report
Viva Voce

Structure of PhD Course Work

Paper	Particulars	Hours of Instruction Per Week	Duration of Examination (hrs)	Marks			Credits
				IA	Theory	Total	
Course 1	Research Methodology	4	3	30	70	100	4
Course 2	Research and Publication Ethics (RPE)	2	3	30	70	100	2
Course 3	Review of Literature	14					
	Review Report	-	-	-	-	150	6
	Viva	-	-	-	-	50	2
					Total	**400**	**14**

Programme Outcome: Ph D in Sociology

Programme specific outcome: The course work in Sociology is to prepare the candidate to carry out research activity leading to PhD in Sociology. The curricula are prepared to teach the candidate

PSO 1 The skills required in research in social sciences.
PSO 2 Equip research skills of data analysis, qualitative & quantitative;
PSO 3 Prepare a questionnaire to collect information;
PSO 4 Conduct an interview with an interview schedule
PSO 5 The skill of building rapport with the respondents.
PSO 6 Directed to review the literature on the topic under study
PSO 7 Find the research gap in the studies that have conducted so far.
PSO 8 The research ethics and the scientific conduct in research.
PSO 9 The publication ethics and open access publishing.
PSO 10 Awareness of publication misconduct and research metrics.
PSO 11 Provide the candidate with a guide for research supervision.
PSO 12 The successful completion leads to formal registration for PhD.

Course 1 - Research Methodology

Hours of Instructions in a Week : 4

Assessment:

Course End- Examination	:	70 Marks (3 Hours duration)
Continuous Assessment	:	30 Marks (Test and Assignment)

Objective:

The objective of this course is to understand knowledge about social research, use of statistical application in social research and various tools and techniques of data collection.

Course Specific Objectives:

1. An understanding of the nature of social phenomena, the issues involved in social research and the ways and means of studying social reality.
2. Study of research methods as a means of understanding social reality.
3. Exposure to the fundamentals of various research techniques and methods.
4. Introduction to the philosophical foundations of social research.
5. Acquaintance with the quantitative and qualitative strategies of research.
6. Understand the statistical values of the numerical data
7. Learn the methods of calculating the central tendencies of the data.
8. Use of statistics and computers in social research.

Course Outcome:

CO1. Learn social research and the ways and means of studying social reality.
CO2. Study of research methods and research techniques.
CO3. Understand the Philosophical foundations of social research.
CO4. Use of statistical values in social research.
CO5. Handling Quantitative data in social research.
CO6. Use of computers in social research

Unit 1. Fundamentals of Social Research **Hrs : 12**

a. Meaning and Importance
b. Types of Social Research
c. Problems in Social Research
d. Relationship Between Theory and Research

Unit 2. Research Procedures **Hrs : 12**

a. Identification and Formulation of Research Problem
b. Review of Literature
c. Research Design
d. Participatory Research

Unit 3. Data And Techniques of Collection of Data **Hrs : 12**

a. Secondary Data – Sources of Secondary Data.
b. Primary Data – Sources: Observation, Interview, Questionnaire
c. Survey, Sampling and Case Study
d. Scaling Method.

Unit 4. Data Analysis and Report Writing **Hrs : 12**

a. Coding, Editing and Processing, Classification of Data
b. Tables, Graphs and Diagrams;
c. Analysis and Interpretation of Data
d. Types of Report; Qualities of Report.

Unit 5. Social Statistics and its Application **Hrs : 12**

a. Use of Statistics in Social Research
b. Statistical Measure of Central Tendency – Mean, Median and Mode
c. Co-Relation – Types and Methods
d. Use of Computers in Social Research

Reading list:

Agarwal B.K. *Statistical Mechanics*. New Delhi.

Bailey, Kenneth. 1988. *Methods of Social Research*, John Willey & Sons, New York.

Bhattacharya, Gouri K. *Statistical Concepts and Methods*, John Weley Publication: New York.

Bose, Pradip Kumar., 1995. *Research Methodology*. New Delhi: ICSSR.

Cramer, Duncan and Alan Bryman, 1997. *Quantitative Data Analysis with SPSS for Windows: A Guide for Social Scientists*. New York/ London: Routledge.

Davis, G.B. 1981. *Introduction to Computers*, Mc Graw Hill, New Delhi.

Dooley, David., 1997. *Social Research Methods*, New Delhi: Prentice Hall of India.

Ghosh M.K. *Statistics*, Indian Press.

Goode, William J. & Hatt, Paul K. 1952. *Methods in Social Research*, McGraw Hill New Delhi.

Gupta B.N. *Statistics: Theory and Practice*. Sahitya Bhavan Publication.

Gupta R.C. 2nd ed.: *Statistical Quality Control*. New Delhi.

Gupta S.P. *Statistical Methods*. Sulthan Chand Publications: New Delhi.

Gupta V.P. *Statistical Mechanism*. Meerut Publication: Gujarat.

Irvine, J., I. Miles and J. Evans (eds.) 1979. *Demystifying Social Statistics*. London: Plauto Press.

John H. Mueller and Karl F. Schuessler. 1969. *Statistical Reasoning in sociology*. New Delhi: Oxford.

Krishnaswami, O.R. 1983. *Methodology of Research in Social Sciences*, Himalaya, Bombay.

Moser,C.A. & Kalton G. 1971. *Survey Methods in Social Investigations* E.L.B.S.& Heinemann, London.

Narayan, Deepa 1997. *Toward Participatory Research*, The World Bank, Washington.

Sadhu, A.N., and Amarjit Singh., 1980. *Research Methodology in Social Sciences*. Bombay: Himalaya Publishing House.

Tim May. 2001. *Social Research: Issues methods and process*, Rawat, Jaipur

Weinstein, Jay Alan. 2010. *Applying Social Statistics*. UK: Rowman and Littlefield publishers.

Yadava, Surendra S, and K.N.S. Yadava., 1995. *Statistical Analysis for Social Sciences*. Manak Publications Pvt. Ltd.

Young, Pauline V., 1992. *Scientific Social Surveys and Research*. New Delhi: Prentice Hall of India.

Course 2 - Research and Publication Ethics (RPE)

Hours of Instructions in a Week : 2

Assessment:

Course End- Examination	:	70 Marks (3 Hours duration)
Continuous Assessment	:	30 Marks (Test and Assignment)

Objectives:

The objective of this course is to instruct the research candidates about the philosophy of research; research and publication ethics; accessibility of .publications and the publication misconduct.

Course Specific Objectives:

1. An understanding of the philosophy of research.
2. Learn about the research ethics.
3. Familiarise with the scientific conduct in research activity.
4. Understand the publication ethics.
5. Get informed about the open access publishing.
6. Awareness of publication misconduct
7. Understand the publishing databases and research metrics.
8. Get familiar of the processes involved in the standard publication.

Course Outcome:

CO1. Learn philosophy of research.
CO2. Understand the research ethics.
CO3. Understand the scientific conduct in research.
CO4. Learn publication ethics.
CO5. Become aware of the open access publishing.
CO6. Familiarise with publication misconduct
CO7. Learn publication database and research metrics

Unit 1. Philosophy and Ethics **Hrs : 3**

a. Introduction to philosophy: definition, nature and scope, concept, branches
b. Ethics: definition, moral philosophy, nature of moral judgements and reactions

Unit 2. Scientific Conduct **Hrs : 5**

a. Ethics with respect to science and research
b. Intellectual honesty and research integrity
c. Scientific Misconducts: Falsification, Fabrication, and Plagiarism (FFP)
d. Redundant publications: duplicate and overlapping publication, salami slicing
e. Selective reporting and misrepresentation of data

Unit 3. Publication Ethics **Hrs : 7**

a. Publication Ethics: definition, introduction and importance.
b. Best practices – standards setting initiatives and guidelines: COPE, WAME, etc.
c. Conflict of interest
d. Publication misconduct: definition, concept, problems that lead to unethical behaviour and vice-versa, types.
e. Violation of publication ethics, authorship and contributiorship
f. Identification of publication misconduct, complaints and appeals
g. Predatory publishers and journal

Unit 4. Open Access Publishing **Hrs : 4**

a. Open access publications and initiatives
b. SHERPA/RoMEO online resource to check publisher copyright and self-archiving policies;
c. Software tool to identify predatory publications developed by SPPU
d. Journal finder/journal suggestion tools, viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc..

Unit 5. Publication Misconduct **Hrs : 4**

A. Group discussion (2Hrs)
   a. Subject specific ethical issues, FFP, authorship
   b. Conflict of interest
   c. Complaints and appeals: examples and fraud from India and abroad

B. Software tools (2Hrs)
   a. Use of plagiarism software like Turnitin, Urkund and other open source software tools

Unit 6. Databases and Research Metrics **Hrs : 7**

A. Databases (4Hrs)
   a. Indexing databases
   b. Citation databases: Web of Science, Scopus, etc.

B. Research Metrics (3Hrs)
   a. Impact factor of journal as per journal citation report, SNIP, SJR, IPP, Cite Score
   b. Metrics: h-index, g index, i10 index, altmetrics

Reading list:

Bird, A. (2006). *Philosophy of Science*. Routledge.

Chaddah, P. (2018) *Ethics in Competitive Research: Do not get scooped; do not get plagiarised*.

Deakin, L. (2014). *Best practice guidelines on publishing ethics: A publisher's perspective*. Wiley.

Indian National Science Academy. 2019. *Ethics in Science Education, Research and Governance*.

Israel, M. (2015). *Research ethics and integrity for social scientists: Beyond regulatory compliance*. SAGE Publications.

Israel, M., & Hay, I. (2009). *Research ethics for social scientists: Between ethical conduct and regulatory compliance*. Sage.

Kimmel, A. J. (1988). *Ethics and values in applied social research*. Sage Publications.

MacIntyre, A. (198). *A short history of ethics*. Routledge.

Mertens, D. M., & Ginsberg, P. E. (2009). *The handbook of social research ethics*. Sage Publications.

Resnik, D.B. 2011. *What is Ethics in Research and why it is important?* National Institute of Environmental Health Sciences.

Yadav, Santosh Kumkar. 2000. *Research and Publications Ethics*. Ishwar Books.

Course 3 – Review of Literature

Hours of Instructions in a Week : 14

Assessment:

Course End- Report : 150 Marks (Submit hard bound copy)
Viva-Voce : 50 Marks (Topic chosen and Literature Review)

Objectives:

The objective of this course is to understand and acquire more comprehensive knowledge in the research topic tentatively selected for study, by reading and analysing the research writing available.

This course aims to provide

1. An understanding of the issues involved in social research and the ways and means of studying social reality.
2. Extensive reading on the reference books available on the topic selected.
3. Survey of research articles in the bulletins, journals and other publications.
4. Review of the PhD works completed on the related topics.
5. Attending conferences, present papers and debate on the relevant topics.
6. Learn the referencing styles, their benefits and methodologies.
7. Compilation of the literature review into a good reader.
8. Use of statistics and computers in social research.

Specializations offered:

1. Indian Society
2. Community Studies
3. Social Change and Development Studies
4. Religion and Gender

The course content and direction will be decided by the research supervisor along with the candidate, depending on the specialisation chosen.

Course outcome:

CO1. Better understanding of the select topic for research.
CO2. Extensive reading of the reference books.
CO3. Survey of research articles in bulletins, journals and other publications.
CO4. Review of the PhD works completed on the related topics.
CO5. Learn the referencing styles.
CO6. Compilation of the literature review into a good reader.
CO7. Finding the research gap
CO8. Assessing the appropriate method of study and the tools required
CO9. Preparing the tools for data collection.