ANNOUNCEMENT OF ACADEMIC COURSES

2022

COURSE-I

Name of the course: Research Methodology

Duration of the course: 60 hours

ELIGIBILITY
Ph.D./M.Phil Students/Post-Doctoral Fellows/ Faculty members/ Others having Master’s degree in Anthropology or allied disciplines.

OVERVIEW
This course has total 11 units focusing on basics of research methodology including fundamental concepts of research, research design, sampling, data collection, data analysis etc.

COURSE FEE
Rs 1500 (Rs 1000 for IAS life members)

DATE & TIME
7-16 July 2022 (Online mode) [10.00 AM - 5.00 PM]

APPLICATION PROCEDURE
Interested candidates can apply through mail to the Convener of the Course Dr Jyoti Ratan Ghosh (jrgosh@rediffmail.com) and office of the IAS (indanthsocoffice@gmail.com) with short CV and registration fees within 25th June 2022.

BANK DETAILS:
Type: Current Account
Name of the Account holder: Indian Anthropological Society
Bank Name: State Bank of India
Branch: Garcha Branch (Branch Code 3692)
Account number: 39060437735
IFSC code: SBIN0003692
SYLLABUS IN DETAIL

UNIT-I: INTRODUCTION TO RESEARCH METHODOLOGY
1. Meaning, objectives and types of research, motivations in research
2. Research approaches, significance of research
3. Research Methods v/s Methodology, Research and Scientific Methods
4. Criteria of Good Research
5. Defining the Research Problem
6. Deductive and Inductive Reasoning

UNIT-II: FUNDAMENTAL CONCEPTS OF RESEARCH
1. Variables, operational definition, measurement, validity, reliability, accuracy, precision, cause and effect
2. Research process

UNIT-III: HYPOTHESIS
1. Types and characteristics of hypothesis
2. Research questions

UNIT-IV: RESEARCH DESIGN
1. Experiment, Quasi experiment
2. Thought experiment
3. Lab and Field experiment
4. Natural and naturalistic experiments

UNIT-V: SAMPLING
1. Sampling frame, sampling theory- distributions, central limit theorem, sample size calculation
2. Probability sampling: simple random sampling, systematic random sampling, stratified sampling, cluster sampling, probability proportion sampling (PPS)
3. Non probability sampling: quota sampling, purposive or judgment sampling, convenience or haphazard sampling, chain referral (snowball and respondent-driven) sampling
4. Choosing informants, key informants.

UNIT-VI: DATA COLLECTION
1. Primary and secondary data
2. Interview: unstructured and structured
3. Questionnaires and survey research
4. Observation-participant and non-participant observation, direct and indirect observation
5. Case study, focus group discussion, cultural domain analysis, rating scales

UNIT-VII: QUALITATIVE DATA ANALYSIS
1. Text analysis, discourse analysis, ethnographic decision models, folk taxonomies analysis, componential analysis, and analytic induction.
2. Coding and categorization, content analysis, semiotic analysis
UNIT-VIII: QUANTITATIVE DATA ANALYSIS-UNIVARIATE
1. Coding, frequency distribution, measures of central tendency (Mean, Median, and Mode)
2. Measures of dispersion (range, variance, standard deviation, standard error of mean)
3. Graphical representation of data
4. Normal curve and its deviations
5. Student’s t distribution, z-score

UNIT-IX: BIVARIATE ANALYSIS
1. t-tests (independent sample t test and paired sample t test), F-test and chi square test
2. ANOVA with Post hoc test, ANCOVA
3. Odds ratio, Fisher’s exact test
4. Pearson and Spearman correlation, simple linear regression

UNIT-X: MULTIVARIATE ANALYSIS
1. Partial correlation, multiple linear and logistic regressions
2. Path analysis, multicollinearity, factor analysis, cluster analysis, discriminant Function Analysis

UNIT-XI: REPORT WRITING
2. Scientific papers in journals and book chapters
3. Bibliographies, references and citations

EVALUATION:
80% attendance is mandatory. Continuous assessment will be done through tutorials/ assignments/ group discussions.
Weightage will be given for active participation. Final written examination will be conducted at the end of the course.

Sd/-
(JYOTI RATAN GHOSH)  
Course Coordinator

Sd/-
(SUBIR BISWAS)  
General Secretary