

Syllabus for Integrated M.Phil/Ph. D Programme in Disaster Management - 2019 onwards

Paper: II- Methodology

Time: 3 Hours

Max.Marks: 100

Unit-I Introduction to Research

- 1.1 Research – Concept, Characteristics and Ethics
- 1.2 Approaches of Research
- 1.3 Identification of Research Problem , Formulation of Objectives and Research Questions
- 1.4 Literature Review and Research Gap

Unit-II Sampling

- 2.1 Concept of Sampling and Hypothesis Formulation
- 2.2 Types of Hypothesis and Hypothesis Testing
- 2.3 Sampling- Sample Size, Sample Design and Sample Frame
- 2.4 Sampling- Types and Tests

Unit-III Data Sources

- 3.1 Types of Data Sources- Primary and Secondary
- 3.2 Methods of Data Collection, E-Surveying
- 3.3 Designing of Questionnaire/Schedule and Interviews, Processing and Analysis of Data
- 3.4 Research Design-Format, Citations, Design of Chapters, Findings, Inferences, Conclusion & Suggestions, References. Bibliography and Webliography

Unit-IV Disaster Risk Assessment

- 4.1 Rapid Visual Survey (RVS)
- 4.2 Damage and Loss Assessment (DALA)
- 4.3 Post Disaster Needs Assessment (PDNA)
- 4.4 Disaster Risk Governance

References:

1. Milan .T Mistry (2015). Advanced Educational Research and Statistics, Paradise Publishers
2. Mishra R.P., (2001). Research Methodology, Concept Publishing Company, New Delhi,
3. Robert, A. Satallines (2001). Methods of Disaster Research, Xlibris Corporation.
4. Kothari, C. R. (1985) Research Methodology, Methods and Techniques, New Age International Publishers.
5. R.B. Singh (1996). Research in Geography, Disasters and Environment, APH Publishers, New Delhi.