

COMMON SYLLABUS OF RESEARCH METHODOLOGY

1. Meaning of research; objectives of research; basic steps of research; criteria of good research; types of research.
2. Meaning of research problem; selection of research problem
3. Review of related literature- Meaning, necessity and sources.
4. Hypothesis- Meaning, function and types of hypothesis; Null/Alternative hypothesis
5. Variables- Meaning and types.
6. Research design: Types of research design- exploratory, descriptive, diagnostic and experimental.
7. Sampling- Meaning and types of sampling; Probability and Non-Probability.
8. Tools and techniques of data collection- questionnaire, schedule, interview, observation, case study, survey etc.
9. Statistics and its significance in research.
10. Research reports: Writing preliminaries, main body of research, references and bibliography; Meaning and importance of workshop, seminar, conference, symposium etc. in research.

1. शोध का अर्थ, शोध के उद्देश्य, शोध के आधारभूत चरण, अच्छे शोध के मापदंड, शोध के प्रकार ।
2. शोध समस्या का अर्थ, शोध समस्या का चयन ।
3. सम्बन्धित साहित्य का सिंहावलोकन— अर्थ, आवश्यकता एवं स्रोत ।
4. परिकल्पना— परिकल्पना का अर्थ, कार्य एवं प्रकार, शून्य/ वैकल्पिक परिकल्पना ।
5. चर— अर्थ एवं प्रकार ।
6. शोध प्ररचना, शोध प्ररचना के प्रकार— अन्वेषणात्मक, विवरणात्मक, निदानात्मक, प्रयोगात्मक ।
7. निदर्शन— निदर्शन के अर्थ एवं प्रकार, प्रायिकता एवं अप्रायिकता ।
8. आंकड़े संकलन के उपकरण एवं तकनीकियाँ— प्रश्नावली, अनुसूची, साक्षात्कार, अवलोकन, एकल अध्ययन पद्धति, सर्वेक्षण इत्यादि ।
9. सांख्यिकी एवं शोध में इसका महत्व ।
10. शोध आख्या— प्रारम्भिक लेखन, शोध का मुख्य भाग, सन्दर्भ, ग्रन्थ सूची, कार्यशाला, सेमिनार, सम्मेलन, संगोष्ठी इत्यादि का अर्थ एवं शोध में महत्व ।

Suggested readings:

1. Ahuja, Ram, 2001. Research Methods, Delhi, Rawat publications.
2. Bailey, Kenneth D., 1982. Methods of social research, New York: the Free Press Second edition.
3. Best, John W. and Kahn, James V., 1988. Research in education, 8th edition, Allyn and Bacon, London
4. Chandra A. and Saxena T.P., 2000. Style Manual, New Delhi, Metropolitan Book Company Ltd.
5. Dooley, David, 1998. Social research methods, Prentice-Hall of India, New Delhi.
6. Downie N.M. and Heath R.W., 1959. Basic Statistical Methods. New York: Harper and Row Publishers.
7. Frank, Harry and Steven C. Althoen, 1994. Statistics. Concepts and Applications. Cambridge University, 580p.
8. Garg. B.L., Karadia, R., Agarwal, F. and Agarwal, U.K., 2002. An introduction to Research Methodology, RBSA Publishers.
9. Goode, W.J. and Hatt P.K., 1952. Methods in social research, New York: McGraw International student Edition.
10. Gupta S.P., 2008. Statistical Methods. 37th ed. (Rev) Sultan Chand and Sons. New Delhi. 1470 p.
11. Kothari, C.R., 2008. Research Methodology: Methods and Techniques. Second Edition. New Age International Publishers, New Delhi.
12. Kozak A., Kozak R.A., Staudhammer C.L. and Watts S.B., 2008. Introductory probability and Statistics; Applications for forestry and Natural sciences. CAB International, UK. 408p.
13. Malhotra and Dash, Marketing research, Prentice Hall of India
14. Paneerselvam, 2009. Research Methodology, Prentice Hall of India.
15. Sharma R.A., 2006. Fundamentals of Educational Technology, Surya Publications, Meerut, India.
16. Sinha, S.C. and Dhiman, A.K., 2002. Research Methodology, Ess Ess Publications. 2 volumes.
17. Sundar Sarukkai, 2008. Indian Philosophy and Philosophy of Science, Motilal Banarsidass Publishers Pvt.Ltd. New Delhi.
18. Trochim, W.M.K., 2005. Research Methods: the concise knowledge base, Atomic Dog Publishing. 270 p.
19. Wilkinson, T.S. and Bhandarkar P.L., 1984. Methodology and Techniques of social research, Bombay, Himalaya Publishing House.
20. Zikmund, Babin, Carr and Griffin, Research Methodology, Cengage Learning.

