

RESEARCH AND POSTGRADUATE DEPARTMENT OF COMMERCE
HENRY BAKER COLLEGE MELUKAVU
CERTIFICATE PROGRAMME

Programme Code : HBC/COM/CP06/2019-20

Title of the Programme: **Certificate Programme in Research Methodology**

Name of the Faculty in Charge : **Dr. Santo Jose**

Instructional Hours : **30**

SYLLABUS
(100% Theory)

Objectives:

To enable a learner to understand properly the concepts of research methodology, equip them to prepare a research design and carry out research in systematic and scientific manner.

Course Outcome:

After completing this Certificate Programme, the learner should be able to understand about the basic concepts of social science research, formulate a research design, draw a sampling design, instrument development and its different forms of scaling and understand the technique of research reporting.

Module I: Research-Types of Research-Methods of Research-Research Process. **(5 Hours)**

Module II: Research problem-Formulation-Research Design-Types of Research Design-Research proposal and its properties. **(5 Hours)**

Module III: Sampling design-Census and sample survey-Sample frame-Sample size-Methods of Sampling. **(5 Hours)**

Module IV: Collection and analysis of data-Types of Data-Methods of Data collection-Preparation of Questionnaire or Interview schedule-Measurement and scaling techniques-Nominal data-Individual data-ordinal data-ratio data-Analysis of data-Types of analysis. **(10 Hours)**

Module V: Research reporting-Characteristics of a good research report-Content of a report-Citing references using APA style-Plagiarism. **(5 Hours)**

Suggested Readings

1. Research Methodology: Methods and Techniques, C R Kothari, New Age International Publications
2. Statistical Methods for Research, Prof. K. Kalyanaraman, Prentice Hall Pvt. Ltd
3. Research Methodology in Social Sciences, O R Krishnaswamy, Himalaya Publishing House
4. Business Research Methodology, Sashi K Gupta & Praneet Rangji, Kalyani Publishers
5. Research methodology, R. Paneerselvam, Prentice Hall of India