SACRED HEART COLLEGE, THEVARA (AUTONOMOUS)
VALUE ADDED COURSE
RESEARCH METHODOLOGY
COURSE CODE: 16RMVAC01

HOURS: 30

Syllabus

Overview

The course is designed as a hands-on course introducing the basic level knowledge in research to post graduate students who interested in pursuing research after their masters. The course enables the aspirants to provide an overview of the important concepts of research such as research design, hypothesis formulation, ethical issues in research, writing research paper etc. The course also provides hands on training to its participants on plagiarism checking software, writing apps such as Zotero, Grammarly and other related software used in writing thesis and research papers.

Course Outcomes

The students shall be able to

a) To provide basic understanding of the process and framework of research
b) To introduce the various research designs and methods
c) To familiarise the various sources of information used for data collection and analysis, note taking etc.
d) To sensitise students the ethical issues involved in research
e) To appreciate the elements of writing a scholarly paper.
f) To enable students to get increased research visibility

Module 1 (12 Hours)

Introduction to research – Research Methodology - Research Problem - The Review of Literature – The Research Hypothesis – The Research Approach – The Research Strategies – Data collection methods.

Module 2 (12 Hours)

Research ethics and Plagiarism – philosophy and ethics in research - Intellectual honesty and research integrity – Publication misconduct – plagiarism and its consequences in research - indexing database – research metrics.

Module 3 (12 Hours)

Plagiarism software – predatory publishers and journal identification – Intellectual property rights – Copyrights – Research paper/ thesis writing software – Zotero – Mendley – Paperpile - Trello – Grammarly – Linguee office – Latex – Microsoft Doc. - Otter etc.- Research forums – Research gate – Academia etc.- Google scholar – Plagiarism checker - Citation app. – paper software – bibliography software.

Assessment Methods

There is continuous assessment of students based on their research contributions. There is a final written exam to test their research knowledge and familiarity with various research tools introduced as part of the programme. A certificate of merit will be awarded on the successful completion of the programme.

Recommended Reading

a) John Creswell - Research Design: Qualitative, Quantitative, and Mixed Methods Approaches
b) Bryman, Alan & Bell, Emma (2011). Business Research Methods (Third Edition), Oxford University Press.
c) Kerlinger, F.N., & Lee, H.B. (2000). Foundations of Behavioural Research (Fourth Edition), Harcourt Inc.
d) Pawar, B.S. (2009). Theory building for hypothesis specification in organizational studies, Response Books, New Delhi.
e) Neuman, W.L. (2008). Social research methods: Qualitative and quantitative approaches, Pearson Education.

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