



# 7

# Day National Workshop on Research Methodology & Data Analysis July 24 to 30

Venue : Research Methodology @ 24,25 Botany Seminar hall  
Hands - on Training @ 26-30 CCF, University of Kerala,  
Kariavattom Campus, Trivandrum

For Registration Contact : 9809909056, 9747297666, 8848765241

The primary objective of this workshop is to equip the research scholars in social science and related areas with necessary skills starting from problem formulation to advanced data analysis expertise. The duration of the workshop will be two days for reserach methodology and five days providing hands-on training along with the tutorial on basic theory conducted at tThe primary objective of this workshop is to equip the rebThe primary objective of this workshop is to equip the research scholars in social science and related areas with necessary skills starting from problem formulation to advanced data analysis expertise. The duration of the workshop will be five days providing hands-on training along with the tutorial on basic theory conducted at the state-of-the-art computer laboratory at SICC, Kariavattom. The emphasis on the first part of the workshop will be on developing a framework and methodology to address the research problems at hand and enable the participants to ask right questions. Is there any systematic method of identifying relevant research problems from emerging research fronts from the corpus of existing research literature? The workshop will introduce free computational tools related to citation network analysis, a systematic method of the literature review.

The second part of the workshop focus on data analysis, and statistical tools and their computational implementations. How to identify the right analytical techniques to answer a research question? What are the advantages as well as limitations of a computational method? Can I employ this technique for limited data I have? We will address most of these questions often raised researchers in this workshop. The emphasis of the tutorials on statistical methods would be from an application perspective.

The hands-on training will mostly on free software packages such as R, Rstudio IDE or PSPP. However software packages SPSS will also be utilised for demonstration.

Participant classification	Registration fees for Research Methodology	Registration fees for Data analysis Hands-on training
Students/Research Scholars	200	500
Faculties Members/Industrial persons	500	1000
Duration	2 days	5 days

Organised by ,  
IQAC University of Kerala, Research Students Union  
& Sophisticated Instrumentation and Computation Center