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Course on Research Methodology and Writing Research Papers

Duration: 60 Hours (Regular or Weekend Only - Saturday and/or Sunday only classes)

Course Contents:

1. Types of Research
2. Characteristics of Good Research
3. Framing a Research Question
4. Literature Review
5. Generating Hypothesis and Theories
6. Selecting a Research Design – Quantitative or Qualitative?
7. Quantitative Research: Choosing Populations, Samples and Cases
8. Designing a Research Experiment
9. Designing and Conducting a Survey
10. Research by Case Study
11. Foundations of Applied Research
12. Gathering and Preparing Data
13. Using Statistics to Interpret Data
14. Hypothesis Testing and Statistical Inferences
15. Assessing Correlation and Causation
16. Bivariate and Multivariate Analysis
17. Qualitative Research Methods and Analysis
18. Presenting Your Findings
19. Data Visualization and Data Story Telling
20. Writing Research Papers

Capstone Project: Writing Your First Research Paper (Scopus Non-Paid Journal)

It is a comprehensive course focusing on research methodology and writing research papers. It includes a complete step by step approach towards writing your first research paper. Course is accompanied by lots of guided practice exercise covering various sections of a research paper including abstract, introduction, methodology, conclusion, etc.,

Course Fees: Rs. 15000 (can be paid in three instalments)

About the Instructors: Dr. Anandkumar Prakasam & Dr. Akila Anandkumar

The instructors have **extensive experience in writing and publishing research papers** for the past **7 years**. They have helped publish more than **400 papers in reputed international journals and conferences**. They have the credit of writing more than **72 Ph.D thesis documents** in the past 7 years. They also act as **reviewers** for several international journals, including those from **IGI Global, Inderscience, Elsevier and Springer**.

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Basic Paper Writing Guidance

- Problem Selection
- Paper Outline Specification
- Organization of Literature
- Deliberations on Workflow
- Organization of Proposed Work
- Hypothesis Formulation
- Ideas for Implementation
- Data Interpretation
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