



## CERTIFICATE COURSE ON RESEARCH METHODOLOGY

July-September, 2023

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Dear CCRM Applicant

We invite you to register for the 106th batch of CCRM i.e. July-September, 2023 Batch.

We require you to spare 1 hour a day for the course. 90 hours for this course will make you a good researcher. You will be required to focus on Submissions that you have to make on your Research Topic. The study material is just for Reference as this course is Skill Based Course, not a Knowledge-Based. Examinations ensure that you refer to the Research Methodology techniques in your Submissions. This will check your knowledge of the Research Methodology Process. Questions will be theoretical, practical, subjective, and objective.

### Course Progress

- July: 20%, August: 50%, September: 30%
- July: You will learn the basics of Research Methodology and types of Research. You will formulate a Research Problem based on your Research Topic and prepare a Questionnaire on that Research Problem. You will circulate that questionnaire in your Academic Circles to know Public Opinion. You will also identify the Research Method you will use for your Research. In the Article, you will summarize your opinion about the Research Topic, its significance, and the issues involved.
- August: You will learn various Data Collection, Sampling, and Analysis Methods. You will analyze the Data of your Survey (based on your Questionnaire on your Research Problem) and then interpret the Data. You will formulate a Hypothesis. In the Essay Submission, you will discuss your Research Topic in totality, which should be descriptive in Nature. Enumerate various theories and



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perspectives related to your Research Topic. In the Research Paper, you will discuss your Research Problem, Observations, and Inferences from your Readings, Interpretation of Data Analysis, and Suggestions. Refer to Models of Research from Module 3 in August.

- September: You will proceed toward the completion of the course. You will learn various Modern Trends of Research and the issues involved, Multidisciplinary Research, Criteria of Good Research, Research Ethics, and multiple citation methods and techniques. In PPT on Research Process/Methodology, you will enumerate your approach to Research in writing a Research Paper step by step. You will also specify the type of Research Method used, the kind of Data Collection Method used, etc. In the Book, you will merge your Article, Essay, Research Paper, and PPT on Research Methodology. You will make your Research Multidisciplinary in Book. You will also refine your complete research per various criteria of good research. You will also cite references. You can follow any technique and method of citation as per your choice.

[Approach - Try to Use PP Approach \(Pen and Paper Research Approach\)](#)

The steps are enumerated below:

- First, Read about your Research Topic from various sources (Offline as well as Online)
- Write down your learning, observations, and inferences from different sources
- Refer to the Study Material on Research Methodology as required
- Validate your Writings.
- Edit your writings after the exhaustive Study of theories and related concepts.



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- Then, type your final submissions electronically.

The Book to be submitted as a part of Submission in this course should consist of the following:

- Title
- Preface
- Acknowledgments
- Index
- Chapters
- Bibliography
- Annexes, if any.

The book should address the following questions:

- What is the Research Topic?
- Why did you choose that Research Topic?
- What is the Objective of the Research?
- What is the Research Problem or Research Question?
- What are the challenges?
- What are your findings?
- What are the Limitations of Research?

You should mention the Research Methodology in the preface of the Book. The PPT Submission requires the slides on Research Methodology adopted by you in your Research. The abstract of your Research Paper should be included as one of the slides in the PPT Submission.



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The Article to be submitted by you can form the Introduction of the Book. The Research Questions, Questionnaire, and Survey can form part of the subsequent chapter, followed by a chapter containing the literature review. Then, you can mention your findings and data interpretation and analysis in the next chapter. The essay to be submitted by you will form part of the chapter relating to the Literature Review.

All the Best for the Course!