

Indian Academy for Scientific Writing and Research

Webinar on Research Methodology and Medical writing

Course Fee: Rs. 1000/-

5 days

Lesson Plan

Day 1: Research: An Introduction

- Research: Importance and scope
- Introduction to research
- Types of Research
- Process of research
- Selection of topic/research Question

Learning outcome: The participants at the end of session will understand the importance of research and having a fair idea about the types of research. They will be able to frame a research question.

Day 2: Process of Research

- Process of research
- Hypothesis formulation
- Aims, objectives, results and conclusion
- Study Designs
- Introduction to journals

Learning outcome: The participants at the end of session will be able to understand different types of designs and to develop a hypothesis. They will get a flavour of medical journals and its difference from popular magazines.

Day 3: Data collection

- Introduction to research papers
- Data collection tools
- Storing data
- Common issues during data collection
- Presentation of data

Learning outcome: The participants can understand different types of tools they can use to collect the data and how to collect the data legibly. Further they will be introduced to different type of research papers.

Day 4: Health related statistics: An over view

- Common terminologies
- Samples and sample size
- Normal distribution
- Measures of central tendency (mean, median and mode)
- Introduction to parametric and non-parametric tests

Learning outcome: The participants can understand how to interpret data in a published article. This module will simplify the complex statistics.

Day 5: Scientific Writing

- Medical writing: An Introduction
- Publication ethics
- Guidelines for writing
- Referencing methods

Learning outcome: The participants can differentiate popular writing and scientific writing. They can understand plagiarism and other important etiquettes of medical writing.

General Guidelines for participants:

- The sessions will be conducted through <https://zoom.us/> application. This can be accessed from laptops and mobiles. We recommend to use laptops for better visibility of the power points and other materials shared during the training.

- The password and invitation for each day will be shared every day and all the participants are expected to log in atleast 5 minutes before the actual start time of the session. The session will start exactly at the scheduled time.
- During the entire session participants are encouraged to ask questions, otherwise all the participants will be on mute during the entire session.
- The topics scheduled are subjected to change/re-ordered as per the time requirement.
- As you know, research is a vast topic, the present webinar is aimed at providing a flavour and basic understanding about research and its applications. Indian Academy for Scientific Writing and Research will be happy to support the participants in helping with any queries outside this webinar as well. All queries can be directed to iaswarpune@gmail.com.
- In the event any unexpected technical errors which are not in the control of the organizers may lead to rescheduling of the affected session on a future convenient date.
- All the power point presentations will be shared with the participants on the registered email id.
- All the participants will be provided with e-certificate upon successful completion of all the modules of the webinar, which will be mailed to their registered email id.
- No refund will be provided under any circumstances.
- For any queries, you can reach out to us through email iaswarpune@gmail.com or Mobile [9823262179](tel:9823262179)

Thank you choosing to participate in this webinar.

Wishing you a happy learning!

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