



**BISHOP MOORE
COLLEGE**
MAVELIKARA



DBT STAR COLLEGE SCHEME

**VALUE ADDED COURSE
ON**

SCIENTIFIC WRITING

13 Nov 2021 - 21 Jan 2022

Lecture 1: "RESEARCH ETHICS"



**13 Nov 2021
7.30-8.30 pm**

Who can participate.....?

- ❖ UG Final year students
- ❖ PG students
- ❖ Research Scholars
- ❖ Faculty Members

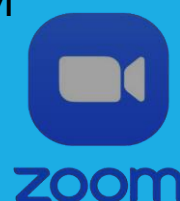
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Dr. R. JAYAKRISHNAN

Associate Professor
Department of Physics
University of Kerala

**TO JOIN ZOOM
MEETING**

Click on Zoom Icon





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VALUE ADDED COURSE ON SCIENTIFIC WRITING

Course Start Date: 13 Nov 2021

Course End Date: 21 Jan 2022

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About the Course

Writing for publication is a challenging task that requires an individual to apply both their research skills and composition skills. If the latter are a little rusty or if one is not that comfortable putting pen to page (or finger to keyboard), this blended learning course is for such individuals. Designed to help produce clear, concise scientific articles, reports and conference papers, this course teaches a student to organize, write and edit scientific and research work in a way that makes the whole process clearer and simple. The course is highly participatory and takes a practical and applied approach to learning. The course consists of seven modules which are designed to impart detailed understanding of the authoring, reviewing and publication of research articles in scholarly journals. The course is delivered in a blended learning format which will provide learning content via a learning management app and webinars will be conducted by accomplished and renowned faculty from the different parts of the country. The art of drawing coherent conclusions, supported by appropriate research tools and reference citation is vital for quality research work.

Course Co-ordinators:

Dr. D. Sajan, Assistant Professor, Department of Physics

Dr. Lynnette Joseph, Assistant Professor, Department of Physics



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SCIENTIFIC WRITING

Learning Objectives

Effectively describe the scientific writing process and stages in publication

- ❖ Organize and compose a scientific paper using the standardized models of writing
- ❖ Brush up on the basics of English grammar and composition specifically pertaining to research writing
- ❖ Analyze and review research papers in terms of key message, consistency and justification
- ❖ Understand basic concepts of data collection, organization, statistical analysis and use of analytical software
- ❖ Become well-versed with different referencing styles and formats employed by various international indexed journals
- ❖ Author impactful Grant proposals for funding of research projects
- ❖ Reflect on the ethics in scientific writing

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Course Outline Module

- 1 Scientific Writing – An Overview
- 2 Research article structure
- 4 English for research writing
- 5 The Correspondence letter and Publication ethics
- 6 Types of Journals, Citations, h-index, i10-index, Scopus, SCI, Web of Science, Google Scholar.
- 7 Plagiarism, Publication Ethics and plagiarism software

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