

COURSE TITLE	SCIENTIFIC WRITING SKILLS
COURSE CODE	20BN0806
COURSE CREDITS	1

Objective:

- 1 Get inspiration and motivation to write effectively, concisely and clearly.
- 2 Understand the process and basics of scientific writing and publishing.
- 3 Equip them with skills to cite and manage references.
- 4 Write scientific manuscript for publication in indexed national/international journals.
- 5 Apply the principles in grant writing.

Course Outcomes: After completion of this course, student will be able to:

- 1 Get motivated to write, Explain the basics and principles writing a scientific manuscript.
- 2 Develop skills to cite and manage references materials and presentation skills.
- 3 Describe the publishing process and ethics.
- 4 Develop skills in writing a research paper.
- 5 Develop beginning skills of preparing a grant proposal with basic understanding.
- 6 Develop beginning skills of preparing a grant proposal with basic understanding.

Pre-requisite of course: This module is designed to provide the students with the necessary knowledge base to succeed in publishing scientific papers in indexed national/international journals or to prepare a grant application.

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
1	0	0	50	50	0	0	0

Contents : Unit	Topics	Contact Hours
1	Basics of good writing What makes good writing -choice of words, components of sentences and sentence structure, using tenses, Clarity, brevity and fitness - punctuation, paragraphs, logic and organization, Motivation for writing	2

Contents : Unit	Topics	Contact Hours
2	Basics of writing a scientific manuscript Definition and types, Characteristics - clear, simple and impartial, Reading scientific literature, General Principles: 1. Ask right questions 2. Avoid jargon where possible 3. Focus on your reader 4. Don't show off 5. Create a compelling opening paragraph 6. Be confident 7. Learn how to KISS (Keep it short and simple) 8. Get active - Use the active voice rather than the passive one. 9. Check for errors 10. Use a style guide - writing style, referencing style 11. Tools for reference management	2
3	Writing for conferences and publications Conferences :1. Developing conference materials: abstracts, posters and oral presentation. 2. Conference presentation skills, Publications: 1. Phases for writing-planning, writing and publishing phase 2. Reporting guidelines - CONSORT, STROBE etc 3. Journals - choosing the right type of journal 4. Publication ethics 5. Author's responsibility 6. Editorial process 7. Plagiarism check tools	2
4	Writing a research paper General principles, Writing an Abstract, IMRAD format - 1. Introduction 2. Methods 3. Results And Discussion	4
5	Overview of grant writing Purposes, Funding opportunities, Principles, Writing a grant proposal	2
6	Lab Demonstration Lab Demonstration	8
Total Hours		20

Textbook :

- 1 ELECTIVE MODULES BSc Nursing Program (Modular content outline), INDIAN NURSING COUNCIL INDIAN NURSING COUNCIL, INDIAN NURSING COUNCIL INDIAN NURSING COUNCIL, 2022

References:

- 1 ELECTIVE MODULES BSc Nursing Program (Modular content outline), ELECTIVE MODULES BSc Nursing Program (Modular content outline), INDIAN NURSING COUNCIL INDIAN NURSING COUNCIL, INDIAN NURSING COUNCIL INDIAN NURSING COUNCIL, 2022

Suggested Theory Distribution:

The suggested theory distribution as per Bloom's taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

Distribution of Theory for course delivery and evaluation

Remember / Knowledge	Understand	Apply	Analyze	Evaluate	Higher order Thinking / Creative
0.00	0.00	35.00	35.00	30.00	0.00

Instructional Method:

- 1 LECTURE CUM DISCUSSION AND LAB DEMONSTRATION

Supplementary Resources:

- 1 NA