



Course Title: Scientific Communication

Course Code: PSYC908

Credit Units: 1

Course Level: Ph.D

L	T	P/S	SW/F W	TOTAL CREDIT UNITS
1	0	0	0	1

Course Objectives:

- The purpose of this course is to explore scientific philosophy, critical thinking, and the use of the various tools to search literature.
- Key communication skills also will be developed in this course, and will include a working knowledge of scientific philosophy such that students can think and converse competently in the language of science.
- The course intends to prepare students for formal scientific communication topics in psychological research. Another objective is to inculcate the art of writing research articles, papers, thesis, monographs, dissertation etc.

Pre-requisites: Nil

Course Contents/Syllabus:

	Weightage (%)
Module I: Introduction	
Descriptors/Topics <ul style="list-style-type: none">• Original Articles• Review Articles• Editorial• Book• Book Chapter• Monograph• Meta analysis• Thesis• Research Proposal	25
Module II: Review of literature	

Descriptors/Topics <ul style="list-style-type: none"> • Introduction to review of literature • Literature Survey • How to write reviews • Importance of literature review 	25
Module III: Publishing Research	
Descriptors/Topics <ul style="list-style-type: none"> • Importance ,rules and methods of publishing research papers • PhD Thesis • Writing of Research Proposal, Report and Research Paper: Meaning and types - • Stages in preparation - Characteristics - Structure - Documentation: Footnotes and • Bibliography - Editing the final draft-Evaluating the final draft- Checklist for a good proposal/report/research paper. 	25
Module IV : Presenting Research	
Descriptors/Topics <ul style="list-style-type: none"> • Importance ,rules and methods of publishing research papers • PhD Thesis • Writing of Research Proposal, Report and Research Paper: Meaning and types - • Stages in preparation - Characteristics - Structure - Documentation: Footnotes and • Bibliography - Editing the final draft-Evaluating the final draft- Checklist for a good proposal/report/research paper. 	25

Student Learning Outcomes:

- Develop and refine skills in communication of scientific knowledge (broadly defined to include the ability to be conversant in scientific philosophy), and competency in oral presentation and technical writing of reviews and proposals
- Evaluate popular science communication in the broader contexts of the role of communication in science, and (b) the cultural, practical and policy-related role of science communication in wider society
- Review intellectual resources for constructive critical analysis of popular science communication in a variety of real-world settings;
- Develop communication skills, with particular emphasis on effective speaking, writing and exhibiting on scientific and science-related topics to a variety of audiences;
- Analyse range of resources and skills for effective communication of complex material;
- Undertake a substantial practical project in either science writing or science exhibiting.

Pedagogy for Course Delivery:

The course will be Course objectives will be met through practice in scientific writing, as well as critiques of existing literature, oral presentations, and students' own work. Students will further practice oral communication skills through frequent interaction with peers and faculty. Classes will comprise of facilitated discussions arising from the readings and exercises

Assessment/ Examination Scheme:

Theory L/T (%)	Lab/Practical/Studio (%)	End Term Examination
30	NA	70

Theory Assessment (L&T):

Continuous Assessment/Internal Assessment					End Term Examination
Components (Drop down)	Class Test	Presentation	Home Assignment	Attendance	
Weightage (%)	10	10	5	5	70

Text:

- Publication Manual of the American Psychological Association, Sixth Edition
- Tests Measurements and Research Methods in Behavioural Sciences, A K Singh (2010) Fifth reprint