



## SANT BABA BHAG SINGH UNIVERSITY, KHALA, JALANDHAR

SHORT  
TERM  
CERTIFICATION  
COURSES  
IN HUMAN RIGHTS

SCIENTIFIC WRITING AND  
TECHNICAL  
COMMUNICATION SKILLS



***LIFE SCIENCES AND ALLIED HEALTH SCIENCES (UISH)***

**Duration- 30 hours**

### **VENUE**

Block No.5, Sant Baba Bhag Singh  
University, Jalandhar, Punjab, India.

Course Title	Scientific Writing And Technical Communication Skills
Course Code	LFS015
Type of course	Value Added Course
Credits	2
Duration	Minimum 30 contact hours
Course prerequisite	All inter department UG and PG students
Course Objective	Acquisition of technical communication's generic aspects like Reading Technical Material, Technical Writing, Listening, Thinking and using technical phrases in spoken, Knowing the parts of a technical documents like screenshots, graphs, tabular data, data analysis, pictorial depiction.
Course Outcomes	Students will understand the scientific worldview.  Evaluate the role of creativity, curiosity, skepticism, open mindedness and diligence of individuals in scientific discovery and innovation.  Evaluate the role of communication, collaboration, diversity and peer review in promoting scientific progress and the quality of scientific evidence and ideas, and ensuring compliance with ethical standards.

### **COURSE SYLLABUS**

**Week 1:** Technical Writing - Various forms of scientific writings - theses, technical papers, reviews, manuals, etc;

**Week 2:** Various parts of thesis and research communications (title page, authorship contents page, preface, introduction, review of literature, material and methods, experimental results and discussion)

**Week 3:** How to arrange references of a synopsis/thesis/article/dissertation, Writing of abstracts, summaries, etc.; use of abbreviations in the thesis

**Week 4:** Research communications; illustrations, photographs and drawings with suitable captions;

**Week 5:** Participation in group discussion: Facing an interview; presentation of scientific papers.

**Week 6:** How to write a research paper, reference styles, process of submission of a paper;

**Week 7:** process of proof reading of a research manuscript; process of reviewing. Important journals, How to write a review paper, Plagiarism,

**Week 8:** How to present research paper/research work in a conference/seminar/workshop

How to defend synopsis/thesis

**REGISTRATION FORM**

**Short-Term Certificate Course in Scientific Writing and Technical communication Skills**

Name \_\_\_\_\_

Date of birth \_\_\_\_\_ Department \_\_\_\_\_

Class/Semester \_\_\_\_\_

Address for correspondence \_\_\_\_\_

\_\_\_\_\_

Contact No. \_\_\_\_\_

Email \_\_\_\_\_

Signature of Applicant