

Syllabus

	Semester-1	Credits
1.	Introduction to Science Communication	2
2.	Philosophy and Sociology of Science	2
3.	Science in Media	3
4.	Science Writings for News Paper or Magazine, Interviewing Scientist	8
5.	Visit to Museums, Science Centers, Internship with Media House	15
	Total	30

Detailed Syllabus

Topic	Sub Topics
Module 1	Definition Need for command over language Need for effective communication skills Basic tools of communication Objectives/ application of different tools Techniques to improve communication skills Importance of shared knowledge
	Language skills & Command over language
	Introduction to SciComm History of Science, Technology & Innovation History of Science Communication Problem solving Debunking dupe/superstition

Module 2	Sociology of Science Contextualization of Science Communication Holistic Approach
	Effectiveness Nature Objectives Tools, Design & Flexibility
	Shaping Perceptions Developing Themes & Concepts Building Scientific Temperament Forms of SciComm Practical Issues
	Data Visualization for effective communication Mathematical models, graphs, Infographics
	Psychology & Media Psychology Poly-aspectual approach Persuasive presentation
	Ethics Plagiarism Intellectual Property Rights Unbiasedness and Fair Approach
Module 3	Community Development and promoting Social Interactions Organic Nature
	Techniques of public engagement
	Interview techniques Podcast Audio Visual technology

Module 4	Practical Assignments & Visits
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