

Semester	JAN 2022
Open to semester	14,22
Course code	BI5214/BI6464
Course title	Literature Review
Credits	4 /4
Course Coordinator & participating faculty (if any)	Saikrishnan Kayarat
Nature of Course	Lectures
Pre-requisites	Nil
Objectives (goals, type of students for whom useful, outcome etc)	Familiarization with scientific literature including: a) Use of search tools b) Reading, analyzing, and critically evaluating the primary literature c) Effectively summarizing and communicating (oral and written) scientific information based on specific topics
Course contents (details of topics /sections with no. of lectures for each)	1) Primary, secondary, and tertiary scientific literature 2) Database searches – tools and strategies 3) Reading and evaluating the scientific literature 4) Academic writing – plagiarism and referencing, format and style 5) Writing a literature review. Diverse specialist faculty will contribute to this course. Faculty members will choose topics from their own area of research expertise, and highlight through readings and discussions the nuances of reading and evaluating the literature. Topics covered can range from DNA biochemistry to ecology.
Evaluation /assessment	End-Sem Examination-0% Mid-Sem Examination-0% Others-Assignments 30% Paper discussion 10% Participation 15% Oral presentation 15% Term paper 30% %
Suggested readings (with full	1. Goeff Hyde's "The Science of Scientific Writing"

list of authors, publisher, year, edn etc.)	2. Robert A. Day (1998) How to write and publish a scientific paper. Oryx Press 3. Bredan & van Roy (2006) Writing readable prose. EMBO Reports 6: 846-849.
---	--