ELECTIVE INTERDISCIPLINARY COURSES: Any One Course from the available Electives

Paper – M-111 (b) - PRINT AND ELECTRONIC SOURCES AND LITERATURE IN NATURAL SCIENCES

UNIT – I: Historical Development
Scope of the Discipline and its Development
Research Trends in Natural Sciences: Physical and Biological Sciences

UNIT – II: User Studies and Information Seeking Behaviour
Information Needs of Users
Information Seeking Behaviour
User Studies: Importance, Objectives and Types
Planning User Survey
Methods of User Service

UNIT – III: Information Sources and Evaluation
Primary, Secondary and Tertiary Sources
Evaluation of Secondary Sources: Print and Electronic Resources

UNIT – IV: Databases and Internet Services
Networked and Distributed Databases
Consortia and Subject Gateways
Internet Resources and Services

UNIT – V: Role of Contributors and Institutions
Activities of Research Institutions and Professional Organisations in the Growth and Development of Natural Sciences with Particular Reference to India, UK and USA
Contributions made by the Prominent Natural Scientists in the field of Physical and Biological Sciences
Recommended Books

1. **AMERICAN CHEMICAL SOCIETY.** Searching the chemical literature. 1979. American Chemical Society, Washington.


7. **SPANGENBURG (R) and MOSER (D K).** The History of science in the 19\textsuperscript{th} century. 1994. University Press, Hyderabad.