



- Rollinson H. (2007) Using geochemical data-evaluation. Presentation and interpretation. 2nd Edition. Publisher Longman Scientific & Technical.
- Walther John, V., 2009 Essentials of geochemistry, student edition. Jones and Bartlett Publishers
- Stephen Killops and Vanessa Killops (1995) Introduction to Organic Geochemistry, 2nd Edition. Blackwell publication.

#### **4.2. Reference Books:**

- Dickins, A. P., 1995, Radiogenic Isotope Geology, Cambridge University Press
- Faure, G., 1986. Principle of Isotope Geology, J. Wiley & Sons.
- Henderson, P., 1982. Inorganic Geochemistry, Pergamon Press, Oxford.
- Krauskopf, K. B., 1979 Introduction to Geochemistry. McGraw Hill.
- Mason, B. 1982 Principles of Isotope Geology, J. Willey & Sons.

#### **5. Outcome of the course:**

By attending this course student will be able:

- to understand evolution of the early Earth from proto-planetary material and its differentiation to present day state.
- to explain element fractionation and how this can be used to understand geochemical processes.
- to demonstrate their ability to obtain, analyze and synthesize information relevant to Geochemistry.
- to understand the chemistry of organic matter.