

Pedagogy Of Subject:- Science

❖ Course Objectives

- To understand the basic concepts associated with academic disciplines.
- To understand place of different disciplines in the school curriculum.
- To understand the meaning and nature of Science.
- To familiarize the objectives of teaching Science as given by NCF 2005.
- To identify the values of teaching Science.
- To familiarize the concept, needs and ways of Infusing Global Perspectives in Science.
- To develop an understanding the methods of teaching Science.
- To acquire knowledge about various learning resources and its management in science education.
- To develop an understanding of the needs and avenues of professional development of a Science teacher.

❖ Course Outcomes

- The teacher-trainee explains the basic concept associated with academic disciplines.
- The teacher-trainee classifies the different disciplines in the school curriculum. Explains the place of Science subject in academic disciplines.
- The teacher-trainee explains the meaning and nature of Science.
- The teacher-trainee explains the objectives of teaching Science given by NCF2005.
- The teacher- trainee identifies the value of teaching Science.
- The teacher-trainee explains the concept, needs and ways of infusing Global Perspective in science curriculum.
- The teacher-trainee explains various teaching methods, principles, maxims and techniques of teaching Science.
- The teacher-trainee explains various learning resources and its management in Science education.
- The teacher-trainee explains the need and avenues of professional development of a Science teacher.