

Mathematics Pedagogy

★ Course Objectives

- To understand the basic concepts associated with Academic disciplines.
- To apply different approaches and methods of teaching Mathematics in classroom situation .
- To set up Mathematics club in the school and organize its activities.
- To use a Mathematics laboratory to develop in students and interest in Mathematics.
- To understand the professional competencies, Commitments and expectations of Mathematics teacher.
- To develop knowledge of various values of teaching Mathematics.
- To appreciate the role of Mathematics in day to day life.
- To acquaint and formulate Aims and instructional objectives in teaching Mathematics in secondary school levels as for revised taxonomy.
- To appreciate the importance of Mathematics laboratory in learning Mathematics.
- To understand place of different disciplines in the school curriculum ,understand nature, scope and importance of Mathematics at secondary level.

★ Learning outcomes

- Student teacher understands the meaning nature, scope and objectives of Mathematics education.
- Student teacher appreciates the importance of Mathematics laboratory in learning Mathematics.
- Student teacher appreciates the Role of Mathematics in day- to- day life.
- Student teacher apply different approaches and methods of teaching Mathematics to classroom situation.
- Student teacher becomes acquainted how to set up Mathematics club in the school and organize various activities.
- Student teacher explained professional competencies , Commitment and expectations of Mathematics teacher.
- Student teacher describes various values of teaching Mathematics.
- Student teacher becomes acquaint with aims and instructional objectives in teaching Mathematics in secondary school levels per revised taxonomy.
- Student teacher explains the basics concept associated with academic disciplines.

