



FAZLANI AISHABAI & HAJI ABDUL LATIF CHARITABLE TRUST'S

AISHABAI COLLEGE OF EDUCATION

(Affiliated to S.N.D.T. Women's University)

Municipal School Building, J. J Hospital Compound, Gate no. 14, Byculla,

Mumbai – 400008.

F.Y.B.Ed.
COURSE LEARNING
OUTCOMES

F.Y.B.Ed. Course 6:7: Subject Education: Mathematics Education

Course Learning Outcomes:

No.	After learning this module, the student teacher will be able to-
CLO 1	Explain the nature and structure of Mathematics
CLO 2	State the aims of Mathematics education
CLO 3	Plan for imbibing values through Mathematics teaching
CLO 4	Elaborate on skills, competencies and commitment required for becoming a mathematics teacher
CLO 5	Write instructional Learning Outcomes of teaching of a topic
CLO 6	Analyze features of existing curriculum of Mathematics in the light of NCF 2005 and principles of curriculum development
CLO 7	Establish correlation of Mathematics with other subjects
CLO 8	Explain importance and characteristics of planning
CLO 9	Plan for teaching major concepts, principles and theories of Mathematics at school level
CLO 10	Design and implement co-curricular activities for Mathematics learning
CLO 11	Use various methods and models of teaching Mathematics
CLO 12	Promote construction of knowledge

CLO 13	Facilitate self-learning of Mathematics
CLO14	Promote cooperative learning
CLO 15	Use various learning resources
CLO 16	Explain concept of continuous and comprehensive evaluation
CLO 17	Construct the test items (open-ended and structured) in Mathematics for administration of tests to the learners
CLO 18	Construct various tools for formative and summative evaluation in Mathematics
CLO 19	Suggest various activities for teachers to develop professionally
CLO 20	Plan for an action research
CLO 21	Organize various social activities for development of mathematical attitude and popularizing Mathematics education