

Name of the Programme: BSc Mathematics

Course Code	Course Title	Course Outcome	
Semester I			
EN1CC01	Fine-tune Your English	CO1	To introduce the students to the basics of grammar, usage and effective communication.
EN1CC02	Pearls from the Deep	CO1	To introduce students to the different genres of literature and to the niceties of literary Expression
ML1CCT 01	01 Katha Sahithyam	CO1	Recognize general awareness in literature.
		CO2	Appreciate importance of literature and life To sensitize aspects in Malayalam
HN1 CCT 01	Prose and One Act Play	CO1	To develop students competence with reference to Hindi language and literature.
		CO2	To give an authentic knowledge about the development of literature.
MM1CRT01	Foundation of Mathematics	CO1	The students should have attained a foundation in basic mathematics and other relevant subjects to complement the core for their future courses.
PH1CMT01	Properties of Matter & Error Analysis	CO1	Provides knowledge in basic errors that may occur in while taking measurements and their propagation in mathematical calculations. Also helps to understand the basic Physics behind many daily life applications of mechanics.
STICMT01	Descriptive Statistics	CO1	Implement knowledge in basic Statistical techniques for solving everyday problems by analysing relevant data.
Semester II			
EN2CC03	Issues that Matter	CO1	To enable the students to identify the major issues of contemporary significance and respond rationally and positively to the issues raised
ML2CC T02	Kavitha	CO1	General awareness in poetry

		CO2	To identify new trends in poetry
		CO3	Appreciate importance of poetry and life To sensitize aspects in Malayalam.
HN2 CCT 02	Novel and Stories	CO1	To develop students competence with reference to Hindi language and literature.
		CO2	To make students familiar with novel and stories.
MM2CRT01	Analytic Geometry, Trigonometry and Differential Calculus	CO1	The students attained a deep knowledge in Geometry, Trigonometry and Differential Calculus.
PH2CMT01	Mechanics and Astrophysics	CO1	Imparts basic knowledge of mechanics and mathematical tools. And will cater into the basic requirements for his/her higher studies.
ST2CMT02	Probability Theory	CO1	Understand the applications of probability theory in the day to day life.
Semester III			
EN3CC05	Literature and/ as Identity	CO1	To make the student aware of the subtle negotiations of Indigenous and Diasporic identities with-in Literature, the fissures, the tensions and the interstices present in South Asian regional identities and the emergence of Life Writing and alternate/alternative/marginal identities.
ML1C CT05	Kathayum Kavithayum	CO1	General awareness about Malayalam literature.
		CO2	Introducing new common trends in Malayalam literature.
HN3 CCT 03	Poetry Grammar and Translation	CO1	To make the students familiar with ancient and Modern Culture.
		CO2	To understand the principles and assumptions governing modern linguistic.
MM3CRT01	Calculus	CO1	They will be familiar with additional relevant mathematical techniques like calculus.

PH3CMT01	Modern Physics and Electronics	CO1	Introduces the topics of quantum mechanics, spectroscopy and the basic principles of electronics
ST3CMT03	Probability Distributions	CO1	Understand the applications of probability distributions in the real data and the use of different sampling distributions.
Semester IV			
EN4CC06	Illuminations	CO1	To enable the students to maintain a positive attitude to life by acquainting them with inspiring literature.
ML2C CT06	Pathra Pravarthanam	CO1	Introducing basics of Journalism.
		CO2	Familiarizing new trends in journalism.
HN4 CCT 04	Drama and Long Poem.	CO1	To make the students familiar with Drama and other forms of arts.
		CO2	to make the students familiar with Drama and other forms of arts.
MM4CRT01	Vector Calculus, Theory of Numbers and Laplace Transforms	CO1	They will be familiar with techniques in Vector Calculus, Theory of Numbers and Laplace transforms.
PH4CMT01	Optics & Electricity	CO1	The student will get familiarized to the topics of interference, diffraction,polarization,laser,fiber optics and also will understand the basics of electricity.
ST4CMT04	Statistical Inference	CO1	Upon the completion of the course, the students will be able to do the estimation procedures and hypothesis testing problems.
Semester V			
MM5B01	Mathematical Analysis	CO1	The students attained a deep knowledge about real valued functions.
MM5B02	Differential Equations	CO1	The students will be able to apply differential equations to different real life problems.
MM5B03	Abstract Algebra	CO1	The students attained a deep knowledge in Abstract Algebra.
MM5B04	Fuzzy Mathematics		To introduce the students to the basics of Fuzzy set theory and Fuzzy Logic.

MM5D02	Applicable Mathematics (Open Course)	CO1	Improves the numerical ability of students and it helps the students to attend various competitive examinations.
Semester VI			
MM6B01	Real Analysis	CO1	The students attained a deep knowledge about real valued functions.
MM6B02	Complex Analysis	CO1	They will be familiar with relevant techniques in Complex Analysis
MM6B03	Discrete Mathematics	CO1	The students attained a deep knowledge in application of Graph Theory in various fields and attained a good knowledge about number theory.
MM6B04	Linear Algebra and Metric Spaces	CO1	They will be familiar with application of matrices. attained a good knowledge about metric spaces.
MM6D01	Operations Research (Choice Based Course)	CO1	Job oriented course-To introduce optimization techniques in various fields using different methods
MM6B05	Project	CO1	