

DEPARTMENT OF MATHEMATICS
PROGRAMME-B.Sc Mathematics

SEMESTER 1

COURSE	CODE	TITLE	HOURS	CREDIT
Common	ENG1A01	Litmosphere: The world of Literature	4	3
	ENG1A02	Functional Grammar and Communication in English	5	3
	ARB1A07(1)	Language Skills in Arabic	4	4
	MAL1A07(1)	Malayala Sahithyam1	4	3
Complementary 1	STA1C01	Introductory Statistics	2	0
Complementary 2	PHY1C01	Properties of matter and Thermodynamics	2	2
		Physics Practical	2	0
Audit Course	AUD1E01	Environment Studies	0	4

SEMESTER 2

COURSE	CODE	TITLE	HOURS	CREDIT
Common	ENG2A03	Readings from the Fringes	4	4
	ENG2A04	Readings on Kerala	5	4
	ARB2A08(1)	Appreciating Arabic Literature	4	4
	MAL2A08(1)	Malayala Sahithyam2	4	4
Core	MTS2B02	Calculus of Single Variable-1	4	3
Complementary 1	STA2C02	Probability Theory	2	2
Complementary 2	PHY2C02	Optics, Laser, Electronics	4	4
		Physics Practical	2	0
Audit Course	AUD2E02	Disaster Management	0	4

SEMESTER 3

COURSE	CODE	TITLE	HOURS	CREDIT
Common	ENG3A05	Readings on Indian Literature	5	4
	ARB3A09	Reading Arabic Prose and Poetry	5	4
	MAL3A09	Malayala Sahithyam3	5	4
Core	MTS3B03	Calculus of Single Variable-2	5	4
Complementary 1	STA3C03	Probability Distributions and Sampling Theory	5	3
Complementary 2	PHY3C03	Mechanics, Relativity, Waves and Oscillations	3	2
		Physic Practical	2	0
Audit Course	AUD3E03	HumaRights	0	4

SEMESTER 4

COURSE	CODE	TITLE	HOURS	CREDIT
Common	ENG4A06	Songs and Stories of our World	5	4
	ARB4A10	Arabic Literature and Culture	5	4
	MAL4A10	Malayala Sahithyam 4	5	4
Core	MTS4B04	Linear Algebra	5	4
Complementary 1	STA4C04	Statistical Inference and Quality Control	5	3
Complementary 2	PHY4C04	Electricity, Magnetism and Nuclear Physics	3	2
		Physics Practical	2	4
Audit Course	AUD4E04	Gender Studies	0	4

SEMESTER 5

COURSE	CODE	TITLE	HOURS	CREDIT
Core	MTS5B05	Abstract Algebra	5	4
	MTS5B06	Basic Analysis	5	4
	MTS5B07	Numerical Analysis	5	3
	MTS5B08	Linear Programming	5	3
	MTS5B09	Introduction to Geometry and Theory of Equations	5	3
Open Course	MTS5D04	Mathematics for Decision Making	3	3

SEMESTER 6

COURSE	CODE	TITLE	HOURS	CREDIT
Core	MTS6B10	Real Analysis	5	5
	MTS6B11	Complex Analysis	5	5
	MTS6B12	Calculus of Multivariable	5	4
	MTS6B13	Differential Equations	5	4
Elective Course	MTS6B14(E01)	Graph Theory	3	2
Project	MTS6P15(PR)	Project Viva	2	2