

List of Courses having focus on Local, National, Regional and Global Developmental Needs offered by the B.Sc. Mathematics

B.Sc.						
Programme: B. Sc., Mathematics						Year: 2020 - 2023 Batch
Course Code	Course Title	Need				Rationale
		Local	National	Regional	Global	
20UMS101	Classical Algebra			✓		School and College teaching
20UMS102	Calculus			✓		School and College teaching
20UMS1A1	Mathematical Statistics-I		✓			UGC, CSIR and NET exams
20UMS203	Trigonometry, Vector Calculus and Fourier Series			✓		School and College teaching
20UMS204	Analytical Geometry			✓		School and College teaching
20UMS2A2	Mathematical Statistics-II		✓			UGC, CSIR and NET exams
20UMS305	Dynamics			✓		School and College teaching
20UMS306	Numerical Techniques				✓	Employability in IT sector
20UMS3N11 / 20UMS3N12	Quantitative Aptitude-I/ Astronomy-I		✓			UGC, CSIR and NET exams
20UMS407	Statics			✓		School and College teaching
20UMS408	Operations Research-I				✓	Pursue research
20UMS4N21 / 20UMS4N22	Quantitative Aptitude-II/ Astronomy-II		✓			UGC, CSIR and NET exams

20UMS509	Modern Algebra				✓	Pursue research
20UMS510	Real Analysis-I				✓	Pursue research
20UMS511	Operations Research-II				✓	Pursue research
20UMS512	Theory of Numbers			✓		School and College teaching
20UMS5E11	Programming in C				✓	Employability in IT sector
20UMS5E21	Programming lab in C				✓	Employability in IT sector
20UMS613	Linear Algebra				✓	Pursue research
20UMS614	Real Analysis-II				✓	Pursue research
20UMS615	Complex Analysis				✓	Pursue research
20UMS6E31	Discrete Mathematics			✓		School and College teaching
20UMS6E41	OOP with C++				✓	Employability in IT sector
20UMS6E51	Programming lab in OOP with C++				✓	Employability in IT sector

V. Senthil Kumar

BoS chairman

CDC Coordinator

Principal