



UNIVERSITY OF KERALA

Re-accredited by NAAC with A++ GRADE

College Basket

College	: Christ Nagar College, Maranalloor (825)
Year of admission	: Batch 2024
Discipline	: FYUGP Mathematics

Category	Course Code	Course Name
Semester: 1		
DSC	UK1DSCMAT100	Foundations of Mathematics
DSC	UK1DSCMAT103	Differentiation and Linear System of Equations
DSC	UK1DSCMAT107	Relations, Functions and Number theory
DSC	UK1DSCMAT110	Matrices and Linear Equations
MDC	UK1MDCMAT100	Numerical Ability - I
Semester: 2		
DSC	UK2DSCMAT100	Theory of equations, Differential Calculus and Geometry
DSC	UK2DSCMAT105	Applications of Differentiation and Ordinary Differential Equations
DSC	UK2DSCMAT106	Linear Algebra and Graph Theory
DSC	UK2DSCMAT108	Integral Calculus and Series
MDC	UK2MDCMAT102	Basic Operations Research
Semester: 3		
DSC	UK3DSCMAT200	Integral Calculus and Foundations of Vector Calculus
DSC	UK3DSCMAT203	Numerical Analysis
DSC	UK3DSCMAT208	Geometry, Multivariate and Vector Calculus
DSC	UK3DSCMAT211	Discrete Mathematics
DSE	UK3DSEMAT201	Numerical Analysis
VAC	UK3VACMAT201	Project Management and Game Theory
Semester: 4		
DSC	UK4DSCMAT200	Introduction to Real Analysis and Multiple Integrals
DSC	UK4DSCMAT201	Partial Differentiation and Introduction to Abstract Algebra
DSE	UK4DSEMAT200	Elementary Graph Theory
DSE	UK4DSEMAT201	Introduction to Operations Research
INT	UK4INTMAT200	Summer Internship
SEC	UK4SECMAT200	Typesetting Documents with LATEX
VAC	UK4VACMAT200	Introduction to Mathematical Modeling
VAC	UK4VACMAT201	Mathematics in Nature
Semester: 5		
DSC	UK5DSCMAT300	Differential Equations and Vector Calculus
DSC	UK5DSCMAT301	Real Analysis - I
DSC	UK5DSCMAT302	Abstract Algebra
DSE	UK5DSEMAT300	Intermediate Graph Theory
DSE	UK5DSEMAT301	Advanced Python Programming
DSE	UK5DSEMAT302	Special Functions
SEC	UK5SECMAT301	Programming with Scilab
Semester: 6		
DSC	UK6DSCMAT300	Real Analysis - II
DSC	UK6DSCMAT301	Complex Analysis I
DSC	UK6DSCMAT302	Linear Algebra
DSE	UK6DSEMAT300	Advanced Linear Programming
DSE	UK6DSEMAT304	Integral Transforms
DSE	UK6DSEMAT305	Fuzzy Mathematics
SEC	UK6SECMAT300	Programming with R
Semester: 7		
DSC	UK7DSCMAT400	Topology
DSC	UK7DSCMAT401	Complex Analysis - II
DSE	UK7DSEMAT405	Ordinary and Partial Differential Equations
Semester: 8		
CIP	UK8CIPMAT400	Capstone project