



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 Physics and Computer Applications

Category	Course Code	Course Name
Semester: 1		
DSC	UK1DSCCAP101	Problem Solving uisng C
DSC	UK1DSCPHY100	Foundation Course in Physics-I
DSC	UK1DSCPHY101	Principles of Dynamics
DSC	UK1DSCPHY102	Properties of Solids
Semester: 2		
DSC	UK2DSCCAP100	Object Oriented Programming using C++
DSC	UK2DSCPHY100	Foundation Course in Physics-II
DSC	UK2DSCPHY101	Electricity, Magnetism and Acoustics
DSC	UK2DSCPHY103	Modern Physics
Semester: 3		
DSC	UK3DSCCAP201	DataBase Management
DSC	UK3DSCPHY200	Basic Electronics (Mandatory)
DSC	UK3DSCPHY201	Digital Electronics and Datascience
DSC	UK3DSCPHY202	Solid State Physics and Spectroscopy
DSE	UK3DSEPHY207	Electrodynamics
Semester: 4		
DSC	UK4DSCCAP201	Software Engineering
DSC	UK4DSCPHY200	Classical Dynamics (Mandatory)
DSE	UK4DSECAP201	Python for Data Analytics
INT	UK4INTCAP200	Summer internship
INT	UK4INTPHY200	Internship
Semester: 5		
DSC	UK5DSCCAP301	Computer Network
DSC	UK5DSCPHY301	Quantum Mechanics - I (Mandatory)
DSC	UK5DSCPHY302	Thermodynamics & Statistical Mechanics (Mandatory)
DSE	UK5DSECAP306	PHP and MySQL
DSE	UK5DSEPHY307	Modern Optics
Semester: 6		
DSC	UK6DSCCAP300	Machine Learning
DSC	UK6DSCCAP301	Visual Programming
DSC	UK6DSCPHY302	Solid State Physics (Mandatory)
DSE	UK6DSECAP307	Emerging Trends in Web Development
DSE	UK6DSEPHY308	Atomic and Molecular Spectroscopy
Semester: 7		
DSC	UK7DSCCAP402	DevOps
DSC	UK7DSCPHY401	Quantum Mechanics-II
DSE	UK7DSEPHY403	Mathematical Physics
Semester: 8		
RPH	UK8RPHCAP400	Research Project (For UG Honors with research)
RPH	UK8RPHPHY400	Research Project