

**Department of Computer Science & Applications, Amritapuri Campus**  
**COURSE ALLOCATION FOR THE TERM JULY - DECEMBER 2021**  
**BCA DS, BCA and MCA**

**S1 BCA Data Science (2021 Batch)**

Code	Title	L	T	P	Cr	Exam slot
18CUL101	Cultural Education	2	0	0	2	F
18ENG101	Communicative English	2	0	2	3	A
	<b>Language 1</b>	1	0	2	2	
18MAL101	Malayalam I					B
18SAN101	Sanskrit 1					
20MAT101	Mathematical Foundations for Data science	3	1	0	4	C
18ENV300	Environmental Science and Sustainability	3	0	0	3	H
20CSA101	Computer Essentials for Data science	3	0	0	3	D
20CSA102	Problem solving and Programming	3	1	0	4	E
20CSA181	Problem solving and Programming Lab	0	0	3	1	L1
20CSA182	Computer Essentials for Datascience Lab	0	0	3	1	L2

**S1 BCA (2021 Batch)**

Code	Title	L	T	P	Cr	Exam slot
18ENG101	Communicative English	2	0	2	3	A
	<b>Language 1</b>	1	0	2	2	
18MAL101	Malayalam I					
18SAN101	Sanskrit 1					
18MAT102	Mathematical Foundation	3	1	0	4	C
18ENV300	Environmental Science and Sustainability	3	0	0	3	D
18CSA101	Computational Thinking and Problem Solving	3	0	0	3	E
18CSA182	Computational Thinking and Problem Solving Lab	0	0	2	1	L1
18CSA103	Computer Essentials	3	0	2	4	D
18CUL101	Cultural Education I	2	0	0	2	F

**S3 BCA Data Science (2020 Batch)**

Code	Title	L	T	P	Cr	Exam slot
18AVP201	Amrita Value Programme I	1	0	0	1	F
18SSK201	Life Skills I	1	0	2	2	G
20MAT201	Linear Algebra for Data Science	3	1	0	4	A
20CSA201	Exploratory Data Analysis using python	3	0	3	4	B
20CSA202	Data Structure and Algorithms	3	1	0	4	C
20CSA203	Computer Networks	3	1	0	4	D
20MAT202	Inferential Statistics	2	1	0	3	E
20CSA281	Data Structures and Algorithms Lab	0	0	3	1	L1

20CSA282	Data Science using Spread sheet modelling lab	0	0	3	1	L2
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### S3 BCA (2020 Batch)

Code	Title	L	T	P	Cr	Exam slot
18MAT208	Statistical and Numerical Methods	3	1	0	4	A
18CSA209	Data Structures and Algorithms	3	1	0	4	B
18CSA206	Object Oriented Programming using C++	3	1	0	4	C
18CSA201	Operating System	3	1	0	4	D
18CSA207	Principles of Management and Accounting	3	0	0	3	E
18CSA283	Data Structures and Algorithms Lab	0	0	2	1	L1
18CSA284	Object Oriented Programming using C++ Lab	0	0	2	1	L2
18AVP201	Amrita Value Programme I	1	0	0	1	F
18SSK201	Life Skills I	1	0	2	2	G

### S5 BCA (2019 Batch)

Code	Title	L	T	P	Cr	Exam slot
18CSA307	C# and .NET Framework	2	0	2	3	A
18CSA306	Advanced Java and J2EE	3	0	0	3	B
	<b>Elective A (Cap 35)</b>	3	0	0	3	E
18CSA343	<i>Data Mining</i>					
18CSA338	<i>Micro Processor Systems</i>					
	<b>Open Elective B / Live-in-lab</b>	3	0	0	3	J
18OEL241	<i>Fundamentals of Network Administration</i>					
18OEL239	<i>Essence of Spiritual Literature</i>					
18OEL238	<i>Emotional Intelligence</i>					
18OEL273	<i>The Message of Bhagavad Gita</i>					
18OEL274	<i>Understanding Travel and Tourism (Cap-50)</i>					
18OEL231	<i>Advertising(Cap-50)</i>					
18CSA389	Mobile Application Development Lab	0	1	2	2	L1
18CSA388	Advanced Java and J2EE Lab	0	0	2	1	L2
18CSA391	Comprehensive Technical VIVA-Voce				2	F
18CSA392	Minor Project				3	P1
18SSK301	Life Skills III	1	0	2	2	G

