SRI SRI UNIVERSITY, Cuttack
Faculty of Science
TENTATIVE BCA COURSE STRUCTURE FOR ACADEMIC SESSION 2023 – 2026

Semester	Course Code	Course Name	Credit
I	BCA – 101	Fundamental of Information Technology	4
	BCA – 102	Environmental Science	3
	BCA – 103	Business Communication	3
	BCA – 104	Business Communication Lab.	1
	BCA – 105	Programming Concept through C Language	4
	BCA – 106	Programming Concept through C lab	1
	BCA - 107	Mathematics in Computer Applications-I	4
	BCA – 108	Constitution of India	2

Semester	Course Code	Course Name	Credit
II	BCA – 201	Data Structure using C Programming	4
	BCA – 202	Data Structure using C Programming Lab.	1
	BCA – 203	Mathematics in Computer Applications-II	4
	BCA – 204	Operating System	4
	BCA – 205	Operating System Lab	1
	BCA – 206	Database Management System	4
	BCA – 207	Database Management System	1
	BCA – 208	Disaster Management	2

Semester	Course Code	Course Name	Credit
III	BCA – 301	Object Oriented Programming Using Java	4
	BCA – 302	Object Oriented Programming Using Java Lab	1
	BCA – 303	Application based Programming in Python	4
	BCA – 304	Application based Programming in Python Lab	1
	BCA – 305	Data Communication and Computer Network	4
	BCA – 306	Data Communication and Computer Network Lab	1
	BCA - 307	Web Technology	4
	BCA – 308	Web Technology Lab	1

Semester	Course Code	Course Name	Credit
IV	BCA – 401	Algorithm Design Techniques	4
	BCA – 402	Algorithm Design Techniques Lab	1
	BCA – 403	SOFTWARE ENGINEERING USING UML	4
	BCA – 404	SOFTWARE ENGINEERING Lab	1
	BCA – 405	Computer System Architecture	4
	BCA – 406	Computer System Architecture Lab	1
	BCA - 407	ASP .NET	4
	BCA – 408	ASP . NET Lab	1
	BCA – 409	Introduction to Arduino and Raspberry Pi	2

Semester	Course Code	Course Name	Credit
V	BCA – 501	Introduction to Artificial Intelligence	4
	BCA – 502	Artificial Intelligence Lab	1
	BCA – 503	Computer Graphics	4
	BCA – 504	Computer Graphics Lab.	1
	BCA – 505	Management Information System	4
	BCA – 506	Website Management	4
	BCA - 507	Website Management Lab	1
	BCA – 508	**Minor Project**	2

Semester	Course Code	Course Name	Credit
VI	BCA – 601	Cloud Computing	4
	BCA – 602	Cloud Computing Lab	1
	BCA – 603	Introduction to Machine Learning	4
	BCA – 604	Machine Learning Lab	1
	BCA – 605	Internet of Things	4
	BCA – 605	Internet of Things Lab	1
	BCA – 607	**Major Project Work**	4