

Semester wise Structure and Curriculum for UG Course in BCA

SEMESTER I

S. No.	Course Code	Course Title	L	T	P	Credit
3 WEEKS COMPULSORY INDUCTION PROGRAM (UHV-I)						
1	CC101	Mathematics Foundations to Computer Science - I	3	0	0	3
2	SEC101	Problem Solving Techniques	3	0	4	5
3	CC102	Computer Architecture	3	0	4	5
4	AEC101	General English - I	1	1	0	2
5	MDE101	Indian Knowledge System^	2	0	0	2
6	VAC101	Environmental Science and sustainability	2	0	0	2
7	AEC102	Additional Course - Indian or Foreign Language Other than Mother Tongue and English (1-1-0) [optional course]*	1	1	0	0*
TOTAL						19

Note: ^Indian Knowledge System: Indian Culture and Civilization Indian Vision for Human Society Indian Science Indian Town Planning and Architecture Indian Mathematics and Astronomy Indian Aesthetics Indian Health, Wellness

*Indian Languages: Sanskrit/Hindi/All Regional languages

Foreign Languages: (not limited to) Spanish/German/French/Korean/Mandarin etc.

SEMESTER II

S. No.	Course Code	Course Title	L	T	P	Credit
1	CC103	Mathematics Foundations to Computer Science - II	3	0	0	3
2	CC104	Data Structures	3	0	4	5
3	CC105	Operating Systems	3	0	2	4
4	SEC102	Object Oriented Programming using Java	3	0	4	5
5	SEC103	Web Technologies	1	0	2	2
6	VAC102	Indian Constitution	2	0	0	2
7	AEC103	Additional Course - Indian or Foreign Language Other than Mother Tongue and English (1-1-0) [optional course]*	1	1	0	0*
TOTAL						21

*Indian Languages: Sanskrit/Hindi/All Regional languages

Foreign Languages: (not limited to) Spanish/German/French/Korean/Mandarin etc.