

PROGRAMSTRUCTURE
ProposedSchemeofTeachingandEvaluation forBCA
(Basic/Hons)withComputer Sciences as CoreSubject

ISEMESTER BCA								
Sl. No.	Course Code	TitleoftheCourse	Categor yofCour ses	Teaching Hours per week(L+ T+P)	SEE	CIE	Total Marks	Credits
1	23Lang1.1	Kannada-I	AECC	3+1+0	60	40	100	3
2	23Lang1.2	English-I	AECC	3+1+0	60	40	100	3
3	23BCA11	Fundamental of Computer	DSC	3+0+2	60	40	100	3
4	23BCA12	Programing C	DSC	3+0+1	60	40	100	3
5	23BCA13	Mathematical Foundation	DSC	3+0+1	60	40	100	3
6	23BCA11L	Information Technology Lab	DSC	1+0+3	30	20	50	2
7	23BCA12 L	C Programing Lab	DSC	1+0+3	30	20	50	2
8	23BCA 14	Environmental Studies	AECC	3+1+0	60	40	100	3
9	23BCA15	Financial Environment	OCE	3+1+0	60	40	100	3
10	23BCA16	Physical Education	SEC	1+0+2	-	-	100	1
Sub-Total(A)					480	320	900	26

Note:

* WithintheFaculty: TheseCourses(1&2) aremeantforCommerceStudentsandshallbe taughtbyCommerce Teachers,

** AcrosstheFaculty: TheseCourses(3&4)aremeantforOther DepartmentStudents andshallbetaughtbyCommerceTeachers.

II SEMESTER BCA								
8	23Lang2.1	Kannada-II	AECC	3+1+0	60	40	100	3
9	23Lang2.2	English-II	AECC	3+1+0	60	40	100	3
10	23BCA 21	Data Structure using C	DSC	3+1+0	60	40	100	3
11	23BCA 22	OPPS Using Java	DSC	3+1+0	60	40	100	3
12	23BCA 23	Discrete Mathematics structure	DSC	3+1+0	60	40	100	3
13	23BCA 21 L	Data structure lab	DSC	1+0+3	30	20	50	2
14	23BCA 22 L	Java Lab	DSC	1+0+3	30	20	50	2
13	23BCA 24	Digital Fluency	SEC	3+0+1	60	40	100	3
14	23BCA 25	Financial Literacy	OEC	3+0+1	60	40	100	3
15	23BCA 21	Yoga	SEC	1+0+2	-	-	100	1
Sub-Total(B)					480	320	900	26

EXIT OPTION WITH CERTIFICATION –with ability to solve well defined problems

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III SEMESTER BCA								
Sl. No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per week (L+T+P)	SEE	CIE	Total Marks	Credits
1	23Lang3.1	Kannada-III / Hindi	AECC	3+1+0	60	40	100	3
2	23Lang3.2	English-III	AECC	3+1+0	60	40	100	3
3	23BCA31	Data Base Management System	DSC	3+0+2	60	40	100	3
4	23BCA32	C# and Dot net	DSC	3+0+1	60	40	100	3
5	23BCA33	Computer Communication Networks	DSC	3+0+1	60	40	100	3
6	23BCA31L	DBMS-Lab	DSC	1+0+3	30	20	50	2
7	23BCA32 L	Dot net -Lab	DSC	1+0+3	30	20	50	2
8	23BCA 34	Artificial intelligence	AECC	3+1+0	60	40	100	3
9	23BCA35	Advertise Skills	OCE	3+1+0	60	40	100	3
10	23BCA 36	NSS	SEC	1+0+2	-	-	100	1
Sub-Total(A)					480	320	900	26

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IV SEMESTERBCA								
8	23Lang4.1	Kannada-IV	AECC	3+1+0	60	40	100	3
9	23Lang4.2	English-IV	AECC	3+1+0	60	40	100	3
10	23BCA41	Python Programing	DSC	3+1+0	60	40	100	3
11	23BCA42	Computer Multimedia and Animation	DSC	3+1+0	60	40	100	3
12	23BCA43	Operating system	DSC	3+1+0	60	40	100	3
13	23BCA41 L	Python lab	DSC	1+0+3	30	20	50	2
14	23BCA42 L	Computer Multimedia Lab	DSC	1+0+3	30	20	50	2
13	23BCA44	Indian Constitution	AECC	3+0+1	60	40	100	3
14	23BCA45	Basic accountancy	OEC	3+0+1	60	40	100	3
15	23BCA46	Culture	SEC	1+0+2	-	-	100	1
Sub-Total(B)					480	320	900	26

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V SEMESTERBCA								
1	23BCA51	Internet Technologies	DSC	4+1+0	60	40	100	4
2	23BCA51L	Java Script, html and CSS Lab	DSCL	1+0+3	30	20	50	2
3	23BCA52	Statistical Computing and R programming	DSC	4+1+0	60	40	100	4
4	23BCA52 L	R programming Lab	DSCL	1+0+3	30	20	50	2
5	23BCA53	Software Engineer	DSC	4+0+1	60	40	100	4
6	23BCA54	Cloud computing	DSE	3+0+1	60	40	100	3
7	23BCA55	Digital Marketing	VOC	3+0+1	60	40	100	3
8	23BCA56	Cyber security	SEC	3+0+1	60	40	100	2
Sub-Total(B)					420	280	700	24

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VI SEMESTERBCA								
9	23BCA61	Artificial Intelligence and Application	DSC	4+1+0	60	40	100	4
10	23BCA62	PHP and MySQL	DSC	4+1+0	60	40	100	4
11	23BCA62L	PHP and MySQL lab	DSCL	1+0+3	30	20	50	2
12	23BCA63	Fundamental of data science Mobile Application	DSE	3+0+1	60	40	100	3
13	23BCA64	Web content management system	VOC	3+0+1	60	40	100	3
14	23BCA65	project	SEC	1+0+2	-	-	100	2
15	23BCA66	Internship	SEC	1+0+2	-	-	100	1
Sub-Total(B)					270	180	650	19

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