

**School Name: School of Computing Science & Engineering**  
**Programme Name: BCA**  
**Scheme:2017-2020**

Semester I										
Sl. No	Course Code	Name of the Course					Assessment Pattern			
			L	T	P	C	IA	MT E	ETE	Total
1	JAPA1001	Japanese-I	2	0	0	2	20	30	50	100
2	SLBC1001	Basic English	0	0	4	2	50	-	50	100
3	BCAP1001	Discrete Mathematics	3	1	0	4	20	30	50	100
4	BCAP1002	Digital Computer Fundamentals	3	0	0	3	20	30	50	100
5	BCAP1003	Introduction to Information Technology	3	0	0	3	20	30	50	100
6	BCAP1004	Programming in C	3	0	0	3	20	30	50	100
7	BCAP1005	Programming in C Lab	0	0	2	1	50		50	100
8	BCAP1006	Information Technology Lab	0	0	2	1	50		50	100
		<b>Total</b>	<b>14</b>	<b>1</b>	<b>8</b>	<b>19</b>				
Semester II										
Sl. No	Course Code	Name of the Course					Assessment Pattern			
			L	T	P	C	IA	MT E	ETE	Total
1	EVS1001	Environment Studies	3	0	0	3	20	30	50	100
2	BCAP1008	Data Structures	3	0	2	3	50	-	50	100
3	BCAP1009	Web Technology	3	0	0	3	20	30	50	100
4	BCAP1007	Principle Of Management	3	0	0	3	20	30	50	100
5	BCAP1010	Object Oriented Programming with C++	3	0	0	3	20	30	50	100
6	BCAP1011	Data Structures Lab	0	0	2	1	20	30	50	100
7	BCAP1012	Web Technology Lab	0	0	2	1	50		50	100
8	BCAP1013	Object Oriented Programming with C++ Lab	0	0	2	1	50		50	100
		<b>Total</b>	<b>15</b>	<b>0</b>	<b>6</b>	<b>18</b>				
Semester III										
Sl No	Course Code	Name of the Course					Assessment Pattern			
			L	T	P	C	IA	MT E	ETE	Total
1	BCAP2001	Computer Architecture	3	0	0	3	20	30	50	100
2	BCAP2002	Database Management System (6)	3	0	0	3	20	30	50	100
3	BCAP2003	JAVA Programming	3	0	0	3	20	30	50	100
4	BCAP2004	Introduction to Algorithm Analysis and Design	3	0	0	3	20	30	50	100
5	BCAP2006	Enterprise Resource Planning	3	0	0	3	50		50	100

6	BCAP2007	Computer networking	3	0	0	3	20	30	50	100
7	BCAP2008	Computer Networking Lab	0	0	2	1	20	30	50	100
8	BCAP2009	Java Programming Lab	0	0	2	1	50		50	100

Semester IV										
Sl No	Course Code	Name of the Course					Assessment Pattern			
			L	T	P	C	IA	MT E	ETE	Total
1	BCAP2011	Basic Operating System	3	0	0	3	20	30	50	100
2	LLL245	Campus-to-Corporate	0	0	4	2	20	30	50	100
3	BCAP2019	Software Engineering	3	0	0	3	20	30	50	100
4	BCAP2018	.Net technology	3	0	0	3	20	30	50	100
5	BCAP2013	Linux Administration	3	0	0	3	20	30	50	100
6	BCAP2020	Graph Theory	3	0	0	3	20	30	50	100
7		PE-1	3	0	0	3	50		50	100
8	BCAP2021	Basic Operating System Lab	0	0	2	1	50		50	100
9	BCAP2026	.Net technology Lab	0	0	2	1	50		50	100
10	BCAS2022	Linux Administration Lab	0	0	2	1	50		50	100
11	BCAP2027	Software Engineering Lab	0	0	2	1	50		50	100
		PE-I-Lab	0	0	2	1	50		50	100
		<b>Total</b>	<b>18</b>	<b>0</b>	<b>14</b>	<b>25</b>				

Semester V										
Sl No	Course Code	Name of the Course					Assessment Pattern			
			L	T	P	C	IA		ETE	Total
1	BCAP3004	E-Commerce	3	0	0	3	20	30	50	100
2	BCAP3003	Computer Graphics	3	0	0	3	20	30	50	100
3	BCAP3002	Mobile Application Development	3	0	0	3	20	30	50	100
4	BCAP3006	Software Project Management	3	0	0	3	20	30	50	100
5		PE-2	3	0	0	3	20	30	50	100
6	BCAP3005	Computer Graphics Lab	0	0	2	1	70		30	100
7		PE-2 Lab	0	0	2	1				
8	BCAP3007	Mobile Application Development Lab	0	0	2	1	70		30	100
		<b>Total</b>	<b>15</b>	<b>0</b>	<b>6</b>	<b>18</b>				

Semester VI										
Sl No	Course Code	Name of the Course					Assessment Pattern			
			L	T	P	C	IA	MT E	ETE	Total
1	BCAP9999	ProjectWork - II	0	3	24	15	50		50	100
	BCAP9998	ProjectWork - I	0	0	8	4	50		50	100
		<b>Total</b>	<b>0</b>	<b>3</b>	<b>32</b>	<b>19</b>				

9	BCAP2010	Database Management System LAB	0	0	2	1	50		50	100
		<b>Total</b>	<b>18</b>	<b>0</b>	<b>6</b>	<b>21</b>				

**BCA-2017-20**  
**ListofElectives**

SI No	Course Code	Name of the Electives					Assessment Pattern			
			L	T	P	C	IA	MTE	ETE	Total
		Program Elective-I(Anyone)								
1	BCAS2028	Advance DBMS	3	0	0	3	20	30	50	100
2	BCAS2029	Advance DBMS Lab	0	0	2	1	50		50	100
3	BCAS2030	Python programming language	3	0	0	3	20	30	50	100
4	BCAS2031	Python programming language Lab	0	0	2	1	50		50	100
5	BCA279	E-Commerce	3	0	0	3	20	30	50	100

		Program Elective-II(Anyone)	L	T	P	C				
1	BCAP3022	Multimedia System	3	0	0	3	20	30	50	100
2	BCAP3023	Multimedia System Lab	0	0	2	1	70		30	100
3	BCAP3010	Network Security	3	0	0	3	20	30	50	100
4	BCAP3011	Network Security Lab	0	0	2	1	70		30	100
5	BCA362	Ad. Computer Network	3	0	0	3	20	30	50	100
6	BCA 361	Connecting Networks	3	0	0	3	20	30	50	100