

**MCA (MASTER OF COMPUTER APPLICATIONS)
MCA FIRST YEAR, 2024-25**

SEMESTER-I

S.No	Subject Code	Subject Name	Periods			Sessional			ESE	Total	Credit
			L	T	P	CT	TA	Total			
1.	BMC101	Fundamental of Computers & Emerging Technologies	3	0	0	20	10	30	70	100	3
2.	BMC102	Problem Solving using C	3	1	0	20	10	30	70	100	4
3.	BMC103	Principles of Management & Communication	3	0	0	20	10	30	70	100	3
4.	BMC104	Discrete Mathematics	3	0	0	20	10	30	70	100	3
5.	BMC105	Computer Organization & Architecture	3	1	0	20	10	30	70	100	4
6.	BMC151	Problem Solving using C Lab	0	0	4	30	20	50	50	100	2
7.	BMC152	Computer Organization & Architecture Lab	0	0	3	30	20	50	50	100	2
8.	BMC153	Professional Communication Lab	0	0	2	30	20	50	50	100	2
9.	BMC106	Cyber Security*	2	0	0	20	10	30	70	100	0
Total								330	570	900	23

CT: Class Test TA: Teacher Assessment

L/T/P: Lecture/ Tutorial/ Practical

* Qualifying Non-credit Course

SEMESTER-II

S.No	Subject Code	Subject Name	Periods			Sessional			ESE	Total	Credit
			L	T	P	CT	TA	Total			
1.	BMC201	Web Technology	3	0	0	20	10	30	70	100	3
2.	BMC202	Object Oriented Programming	3	0	0	20	10	30	70	100	3
3.	BMC203	Operating Systems	3	0	0	20	10	30	70	100	3
4.	BMC204	Database Management Systems	3	0	0	20	10	30	70	100	3
5.	BMC205	Data Structures & Analysis of Algorithms	4	0	0	20	10	30	70	100	4
6.	BMC251	Web Technology Lab	0	0	3	30	20	50	50	100	2
7.	BMC252	Object Oriented Programming Lab	0	0	3	30	20	50	50	100	2
8.	BMC253	DBMS Lab	0	0	2	30	20	50	50	100	1
9.	BMC254	Data Structures & Analysis of Algorithms Lab	0	0	3	30	20	50	50	100	2
10.	BVA251	Sports and Yoga**	0	0	3	-	100	-	-	-	0
Total								350	550	900	23

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**Non-credit Course