

MAHAKAUSHAL University



**Computer Science Syllabus and
Prescribed Books
Subject-M.SC Computer Science Semester
Examination 2022-2023
I, II,III& IV Semester**

M.Sc. (CS) Scheme of Examination IST SEMESTER

1.Course Code	: MMCS	5.Total Practical	: 2
2.Course Name	:M.Sc. Computer Science	6.Total Practical Marks	:100
3.Total Theory Subject	:5	7. Total Marks	: 350
4.Total Theory Marks	:200	8.Minimum Passing Percentage	: 36

Sub. Code	Subject Name	Theory Max	Theory Min	CCE Max	CCE Min	Practical Max	Practical Min	Total Marks
MMCS0101-T	Discrete Mathematics Structures	42	15	8	3	0	0	50
MMCS0102-T	Programming in C	42	15	8	3	0	0	50
MMCS0102-P	Programming in C Lab	0	0	0	0	50	18	50
MMCS0103-T	Computer Organization & Architecture	42	15	0	0	0	0	50
MMCS0104-T	Windows & PC-Software	42	15	8	3	0	0	50
MMCS0104-P	Windows & PC-Software Lab	0	0	0	0	50	18	50
MMCS0105-T	Communication Skills	42	15	8	3	0	0	50

M.Sc. (CS) Scheme of Examination IInd SEMESTER

1.Course Code	: MMCS	5.Total Practical	: 2
2.Course Name	:MSc Computer Science	6.Total Practical Marks	:100
3.Total Theory Subject	:5	7. Total Marks	: 350
4.Total Theory Marks	:250	8.Minimum Passing Percentage	: 36

Sub. Code	Subject Name	Theory Max	Theory Min	CCE Max	CCE Min	Practical Max	Practical Min	Total Marks
MMCS0201-T	Data Structures and algorithms	42	15	8	3	0	0	50
MMCS0201-P	Data Structures and algorithms lab	0	0	0	0	50	18	50
MMCS0202-T	Operating systems	42	15	8	3	0	0	50
MMCS0203-T	Computer networks with windows	42	15	8	3	0	0	50
MMCS0204-T	Programming in Java	42	15	8	3	0	0	50
MMCS0204-P	Programming in Java Lab	0	0	0	0	50	18	50
MMCS0205- T	Organization & Management Concepts	42	15	8	3	0	0	50

**M.Sc. (CS) Scheme of Examination COURSE WISE SCHEME
IIIrd SEMESTER**

1.Course Code	: MMCS	5.Total Practical	: 3
2.Course Name	:M.Sc. Computer	6.Total Practical Marks	:150
3.Total Theory Subject	:5	7. Total Marks	: 400
4.Total Theory Marks	:250	8.Minimum Passing Percentage	: 36

Sub. Code	Subject Name	Theory Max	Theory Min	CCE Max	CCE Min	Practical Max	Practical Min	Total Marks
MMCS0301-T	RDBMS concepts and Oracle	42	15	8	3	0	0	50
MMCS0301-P	RDBMS concepts and Oracle LAB	0	0	0	0	50	18	50
MMCS0302-T	Multimedia Tools And Applications	42	15	8	3	0	0	50
MMCS0303-T	Software Eng.	42	15	8	3	0	0	50
MMCS0303-P	Software Eng. LAB	0	0	0	0	50	18	50
MMCS0304-T	Advanced java Programming	42	15	8	3	0	0	50
MMCS0304-P	Advanced java Programming LAB	0	0	0	0	50	18	50
MMCS0305-T	Artificial Intelligence	42	15	8	3	0	0	50

M.Sc. (CS) Scheme of Examination COURSE WISE SCHEME**4th SEMESTER**

1.Course Code	: MMCS	5.Total Practical	: 4
2.CourseName	:M.Sc. Computer Science	6.Total Practical Marks	:250
3.Total Theory Subject	:4	7. Total Marks	: 450
.Total Theory Marks	:200	8.Minimum Passing Percentage	: 36

Sub. Code	Subject Name	Theory Max	Theory Min	CCE Max	CCE Min	Practical Max	Practical Min	Total Marks
MMCS0401-T	UNIX Internals, Shell Programming & Linux	42	15	8	3	0	0	50
MMCS0401-P	UNIX Internals, Shell Programming & Linux LAB	0	0	0	0	50	18	50
MMCS0402-T	Compiler Design	42	15	8	3	0	0	50
MMCS0402-P	Compiler Design LAB	0	0	0	0	50	18	50
MMCS0403-T	ASP.NET and C#	42	15	8	3	0	0	50
MMCS0403-P	ASP.NET and C# LAB	0	0	0	0	50	18	50
MMCS0404(A)-T	Artificial Intelligence and Expert System	42	15	8	3	0	0	50
MMCS0405-P	Major Project	0	0	0	0	100	50	100

