

Master of Computer Application (MCA)

Semester-I

Sr. No.	Subject code	Subject Name
1.	MANC401	Computer Organization and Architecture
2.	MANC402	C Programming
3.	MANC403	Discrete Mathematics
4.	MANC404	Information System Analysis and Design Methods
5.	MANC405	DSS and MIS
6.	MANC406	Basic of Web Technology
7.	MANC451	Practical Based on MANC401
8.	MANC452	Practical Based on MANC402
9.	MANC453	Practical Based on MANC406

Semester-II

Sr. No.	Subject code	Subject Name
1.	MANC407	Operating System
2.	MANC408	Database Management System
3.	MANC409	Data Structure using C
4.	MANC410	Software Engineering
5.	MANC411	Probability and Combinatory
6.	MANC412	Visual Programming
7.	MANC454	Practical Based on MANC408
8.	MANC455	Practical Based on MANC409
9.	MANC456	Practical Based on MANC412

Semester-III

Sr. No.	Subject code	Subject Name															
1.	MANC501	Data Communication and Network															
2.	MANC506	OOPs Using C++															
3.	MANC507	Soft Skill															
4.	MANC508	JAVA															
5.	MANC52X	Elective – I <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td rowspan="2">1</td> <td>MANC521</td> <td>Advance Database Management System</td> </tr> <tr> <td>MANC551</td> <td>Practical Based on MANC521</td> </tr> <tr> <td rowspan="2">2</td> <td>MANC522</td> <td>Introduction to Linux OS</td> </tr> <tr> <td>MANC522</td> <td>Practical Based on MANC522</td> </tr> <tr> <td rowspan="2">3</td> <td>MANC523</td> <td>Advanced Web Technology using ASP.net</td> </tr> <tr> <td>MANC523</td> <td>Practical Based on MANC523</td> </tr> </tbody> </table>	1	MANC521	Advance Database Management System	MANC551	Practical Based on MANC521	2	MANC522	Introduction to Linux OS	MANC522	Practical Based on MANC522	3	MANC523	Advanced Web Technology using ASP.net	MANC523	Practical Based on MANC523
1	MANC521	Advance Database Management System															
	MANC551	Practical Based on MANC521															
2	MANC522	Introduction to Linux OS															
	MANC522	Practical Based on MANC522															
3	MANC523	Advanced Web Technology using ASP.net															
	MANC523	Practical Based on MANC523															
6.	MANC52X	Elective – II <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>1</td> <td>MANC524</td> <td>Artificial Intelligence</td> </tr> <tr> <td>2</td> <td>MANC525</td> <td>Enterprise Resource Planning</td> </tr> <tr> <td>3</td> <td>MANC526</td> <td>Programming Language Paradigm</td> </tr> </tbody> </table>	1	MANC524	Artificial Intelligence	2	MANC525	Enterprise Resource Planning	3	MANC526	Programming Language Paradigm						
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3	MANC526	Programming Language Paradigm															
7.	MANC554	Practical Based on MNAC502															
8.	MANC55X	Practical Based on MANC504															
9.	MANC55X	Practical Based on Elective - I															

Semester-IV

Sr. No.	Subject code	Subject Name		
1.	MANC505	Design and Analysis of Algorithms		
2.	MANC506	Object Oriented Analysis and Design		
3.	MANC507	Research Methodology		
4.	MANC508	Software Testing and Quality Assurance		
5.	MANC52X	Elective-III		
		1	MANC527	Advanced JAVA
			MANC553	Practical Based on MANC527
		2	MANC528	C Sharp
			MANC554	Practical Based on MANC528
		3	MANC529	Data Mining
		MANC555	Practical Based on MANC529	
6.	MANC52X	Elective-IV		
		1	MANC530	Multimedia Technology
			MANC556	Practical Based on MANC530
		2	MANC531	Advances in Linux Administration
			MANC557	Practical Based on MANC531
		3	MANC532	XML with Database
		MANC558	Practical Based on MANC532	
7.	MANC554	Practical Based on MANC508		
8.	MANC55X	Practical Based on Elective-III		
9.	MANC55X	Practical Based on Elective-IV		
10.	MAN 591	Service Course-Skills for Effective Decision Making		

Semester-V

Sr. No.	Subject code	Subject Name		
1.	MANC701	Human Computer Interface		
2.	MANC702	Advanced Internet Technology		
3.	MANC703	Advance Algorithms		
4.	MANC704	Software Project Management		
5.	MANC72X	Elective – V		
		1	MANC721	Artificial Neural Network
			MANC753	Practical Based on MANC721
		2	MANC722	Linux Bash Scripting
			MANC754	Practical Based on MANC722
		3	MANC723	JSP
		MANC755	Practical Based on MANC723	
6.	MANC72X	Elective – VI		
		1	MANC724	Emerging Trends in Information Technology
		2	MANC725	Mobile Computing
		3	MANC726	Cyber Law
7.	MANC751	Practical Based on MANC702		
8.	MANC752	Practical Based on MANC703		
9.	MANC75X	Practical Based on Elective-V		

Semester-VI

Sr. No.	Subject code	Subject Name
1.	MANC756	Major Project