

ANNEXURE

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Program and Course Structure M.Sc(Information Technology)

School of Engineering and Technology
M.Sc(Information Technology)
Batch: 2018 Onwards

TERM: I

S. No.	Paper ID	Subject Code	Subjects	Teaching Load			Credits	Pre-Requisite/Co Requisite
				L	T	P		
THEORY SUBJECTS								
1.		MCT101	C Programming	3	1	0	4	
2.		MCT102	Digital Electronics	3	0	0	3	
3.		MCT103	Operating System Concept	3	1	0	4	
4.		MMT129	Introduction to MATLAB and its Applications	2	0	0	2	
Practical/Viva-Voce/Jury								
5.		MCL101	C Programming Lab	0	0	2	1	
6.		MCL102	Digital Electronics Lab	0	0	2	1	
7.		MMT151	Mathematics -Lab I	0	0	2	1	
8.		FEN101	Functional English Beginners-I	0	0	2	1	
9.		FEN103	Functional English Intermediate-I					
10.		ENP102	Functional English –I Lab	0	0	2	1	
TOTAL CREDITS							18	

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TERM: II

S. No.	Paper ID	Course Code	Course	Teaching Load			Credits	Pre-Requisite/Co Requisite
				L	T	P		
THEORY SUBJECTS								
1.		MCT104	Object oriented programming with JAVA	3	1	0	4	
2.		MCT105	Computer Organization and Architecture	3	0	0	3	
3.		MCT106	Data Structures	3	1	0	4	
4.		MMT123	Numerical Methods with Programming	4	0	0	4	
5.		MCT107	System Analysis and Design	3	0	0	3	
Practical/Viva-Voce/Jury								
6.		MCL104	Object oriented programming with JAVA Lab	0	0	2	1	
7.		MCL106	Data Structure Lab	0	0	2	1	
8.		FEN102	Functional English Beginners-II	0	0	2	1	
9.		FEN104	Functional English Intermediate-II					
10.		ENP103	Functional English –II Lab	0	0	2	1	
TOTAL CREDITS							22	

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TERM: III

S. No.	Paper ID	Course Code	Course	Teaching Load			Credits	Pre-Requisite/Co Requisite
				L	T	P		
THEORY SUBJECTS								
1.		MCT201	Programming in Python	3	0	0	3	OOPS
2.		MCT202	Introduction to Computer Networks	3	0	0	3	
3.		MCT203	Principles of Database Management Systems	3	0	0	3	
4.			Programme Elective-I	3	0	0	3	
5.		MCT204	Software Engineering	3	0	0	3	
Practical/Viva-Voce/Jury								
6.		MCL201	Programming in Python	0	0	2	1	
7.		MCL202	Introduction to Computer Networks Lab	0	0	2	1	
8.		MCL203	Principles of Database Management Systems Lab	0	0	2	1	
9.		ARP203	Aptitude Reasoning and Business Communication Skills-Basic	0	0	4	2	
TOTAL CREDITS							20	

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TERM: IV

S. No.	Paper ID	Course Code	Course	Teaching Load			Credits	Pre-Requisite/Co Requisite
				L	T	P		
THEORY SUBJECTS								
1.		MCT205	Design and analysis of algorithms	3	1	0	4	
2.			Programme Elective-II	3	0	0	3	
3.			Programme Elective-III	3	0	0	3	
4.		MCT208	Artificial Intelligence	3	0	0	3	
5.								
Practical/Viva-Voce/Jury								
6.		ARP204	Aptitude Reasoning and Business Communication Skills-Intermediate	0	0	4	2	ARP203
7.		MCL205	Design and analysis of algorithms Lab	0	0	2	1	
8.		MCL208	Artificial Intelligence Lab	0	0	2	1	
9.		MCT207	Project	0	0	6	3	
TOTAL CREDITS							20	

Programme Elective list MSc. IT 2018-2020 Batch

Program Electives		
Enterprise Resource Planning MCT217	Network Security MCT215	IT INFRASTRUCTURE MANAGEMENT MCT216
Software Project Management MCT210	Mobile Technologies MCT212	Cloud Computing MCT214

