

School of Information Sciences (SOIS), MAHE, Manipal

M.Sc. (Information Science)

Program Structure (August 2017 Onwards)

I Semester										
Sub Code	Subject Name	Common With	No of Hrs/week				Duration of Exam in Hrs.	Internal Assessment	Final Exam	Maximum Marks
			Lecture	Tutorial	Practical	Credit				Total
MIS 501	Linux and C Programming		3	-	-	3	3	50	50	100
MIS 503	Database Management Systems		3	-	-	3	3	50	50	100
MIS 505	Dot Net Technologies		3	-	-	3	3	50	50	100
MIS 507	Internet Engineering		3	-	-	3	3	50	50	100
MIS 509	Computer Network		3	-	-	3	3	50	50	100
MIS 551	Linux and C programming Lab		-	-	3	1	3	50	50	100
MIS 553	Database Management Systems Lab		-	-	3	1	3	50	50	100
MIS 555	Dot Net Technologies Lab		-	-	3	1	3	50	50	100
MIS 557	Internet Engineering lab		-	-	3	1	3	50	50	100
TOTAL			15	-	12	19				

II Semester										
Sub Code	Subject Name	Common With	No of Hrs/week				Duration of Exam in Hrs.	Internal Assessment	Final Exam	Maximum Marks
			Lecture	Tutorial	Practical	Credit				Total
MIS 502	Data Structures and Algorithms		3	-	-	3	3	50	50	100
MIS 504	Software Engineering		3	-	-	3	3	50	50	100
MIS 506	Advance Programming Techniques		3	-	-	3	3	50	50	100
MIS 508	Advance Internet Engineering		3	-	-	3	3	50	50	100
	Elective - 1		3	-	-	3	3	50	50	100
MIS 552	Data Structures and Algorithms Lab		-	-	3	1	3	50	50	100
MIS 554	Software Engineering Lab		-	-	3	1	3	50	50	100
MIS 556	Advance Programming Technique Lab		-	-	3	1	3	50	50	100
MIS 558	Advance Internet Engineering Lab		-	-	3	1	3	50	50	100
MIS 596	Mini Project - 1		-	-	-	2	-	100	-	100
MIS 598	Seminar - 1		-	-	-	1	-	100	-	100
TOTAL			15	-	12	22				

III Semester

Sub Code	Subject Name	Common With	No of Hrs/week				Duration of Exam in Hrs.	Internal Assessment	Final Exam	Maximum Marks
			Lecture	Tutorial	Practical	Credit				Total
MIS 601	ASP.NET and ADO.NET		3	-	-	3	3	50	50	100
MIS 603	Data Mining and Warehousing		3	-	-	3	3	50	50	100
MIS 605	Mobile Application Development using Android		3	-	-	3	3	50	50	100
MIS 607	Computer and Information Security		3	-	-	3	3	50	50	100
	Elective - 2		3	-	-	3	3	50	50	100
MIS 651	ASP.NET and ADO.NET Lab		-	-	3	1	3	50	50	100
MIS 653	Data Mining and Warehousing Lab		-	-	3	1	3	50	50	100
MIS 655	Mobile Application Development using Android Lab		-	-	3	1	3	50	50	100
MIS 657	Computer and Information security Lab				3	1	3	50	50	100
MIS 695	Mini Project - 2		-	-	-	2	-	100	-	100
MIS 697	Seminar - 2		-	-	-	1	-	100	-	100
TOTAL			15	-	12	22				

IV Semester

MIS 699	Project work		-	-		12			
Total Number of Credits to Award Degree				75					

List of Electives

Elective 1			Elective 2		
Code	Subject	Common With	Code	Subject	Common With
MIS 510.1	Operating Systems		MIS 609.1	System Software	
MIS 510.2	Computer Architecture		MIS 609.2	IT Project Management	
MIS 510.3	Fundamental of Ecommerce		MIS 609.3	Mobile computing	
MIS 510.4	Computational Mathematics		MIS 609.4	LAN Switching and Wireless	
MIS 510.5	Research Methodology		MIS 609.5	Enterprise Systems	
MIS 510.6	Distributed Systems		MIS 609.6	Software Testing and Quality Management	
MIS 510.7	Routing Protocols		MIS 609.7	Internet Marketing	
MIS 510.8	IT Service Management		MIS 609.8	Principles of Data Visualization	

Note:

- Eligibility for Gold Medal
 - Graduates who have earned all the credits required for the award of the degree from MAHE only will be considered.
 - Gold Medal will be awarded to a graduate who has scored highest CGPA.