

RATHINAM COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

Scheme of Curriculum for M.Sc. Information Technology for the Batch admitted during 2017-2018 Onwards

Sem	Part	Type	Sub Code	Subject	Credit	Per Week	CIA	ESE	Total	Exam Hours
1	3	Theory	17MIT13A	Core- I – Object Oriented Programming using C++	4	7	40	60	100	3
1	3	Theory	17MIT13B	Core- II –Software Engineering	4	7	40	60	100	3
1	3	Theory	17MIT13C	Core- III – Data Structures and Algorithms	4	6	40	60	100	3
1	3	Practical	17MIT13P	Core Practical – I – Object Oriented Programming Lab	4	5	40	60	100	3
1	3	Practical	17MIT13Q	Core Practical – II – Data Structures Lab	4	5	40	60	100	3
2	3	Theory	17MIT23A	Core- IV - Advanced RDBMS	4	5	40	60	100	3
2	3	Theory	17MIT23B	Core- V - Web Technology	4	5	40	60	100	3
2	3	Theory	17MIT23C	Core- VI - Information Security and Cyber Law	4	5	40	60	100	3
2	3	Theory	17MIT23D	Core- VII –Java Programming	4	5	40	60	100	3
2	3	Practical	17MIT23P	Core Practical – III – Web Technology Lab	4	5	40	60	100	3
2	3	Practical	17MIT23Q	Core Practical – IV – Java Programming Lab	4	5	40	60	100	3
3	3	Theory	17MIT33A	Core- VIII - Mobile Application Development	4	6	40	60	100	3
3	3	Theory	ELE1	Elective - I	4	6	40	60	100	3
3	3	Theory	ELE2	Elective - II	4	6	40	60	100	3
3	3	Practical	17MIT33P	Core Practical – IV - Mobile Application Development Lab	4	6	40	60	100	3
3	3	Practical	17MIT3EP	Core Practical V – Elective Lab-I	4	6	40	60	100	3
3	3	Practical	17MIT33V	Core Practical – VI – Industrial Training Report	2	-	50	-	50	3
4	3	Theory	17MIT43A	Core- IX – Distributed Operating System	4	5	40	60	100	3
4	3	Theory	ELE3	Elective- III	4	5	40	60	100	3
4	3	Theory	ELE4	Elective- IV	4	5	40	60	100	3
4	3	Practical	17MIT4EP	Core Practical – VII – Elective Lab	4	5	40	60	100	3
4	3	Project	17MIT43V	Core Project	8	10	80	120	200	3
TOTAL					90	120	930	1320	2250	

Elective	Sub code	Subject
Elective-I	17MIT3EA	Computer Networks
	17MIT3EB	Data Mining
	17MIT3EC	Principles of Multimedia
	17MIT3ED	Software Testing
	17MIT3EE	Information Storage Management System
Elective-II	17MIT3EF	Cryptography
	17MIT3EG	R Programming
	17MIT3EH	3D Animation Essentials
	17MIT3EI	Software Quality Assurance
	17MIT3EJ	Grid Computing
Elective-III	17MIT4EA	TCP / IP Protocol Suite
	17MIT4EB	Big Data Analytics
	17MIT4EC	Learning Maya 2
	17MIT4ED	Tools for Software Testing
	17MIT4EE	Cloud Computing
Elective-IV	17MIT4EF	Wireless Sensor Network
	17MIT4EG	Hadoop Programming
	17MIT4EH	Adobe illustrator & After Effects
	17MIT4EI	Agile Testing
	17MIT4EJ	Cloud Infrastructure Services