12.05.18

M.Tech CSE (MT) Programme w.e.f. 2018-19 Batch

FIRST SEMESTER

SNo	Course		Contact Hours				Credits
	No.	Title	L	T	P	Total	
1.	17M41CS111	Advanced Data Structures and Algorithms	3	-	-	3	3
2.	18M51CS111	Wireless and Mobile Networks	3	-	-	3	3
3.		Elective – I	3	-	-	3	3
4.		Elective – II	3	-	-	3	3
5.		Elective – III	3	-	-	3	3
6.	18M11GE111	Research Methodology and Intellectual Property Rights	2			2	2
7.	17M55CS111	Mobile Programming Lab	-	-	2	2	1
8.	17M55CS112	Advanced Data Structures and Algorithms Lab	-	-	4	4	2
		TOTAL	17		6	23	20

SECOND SEMESTER

SNo	Course		Contact Hours				Credits
	No.	Title	L	T	P	Total	
1.	17M51CS121	Mobile Systems and Architecture	3	-	-	3	3
2.	17M51CS122	Heterogeneous and Mobile Databases	3	-	-	3	3
3.		Elective – IV	3	-	-	3	3
4.		Elective – V	3	-	-	3	3
5		Audit-I	2	-	-	2	Qualifying
6.	17M57CS111	Project Based Learning – I Multiplatform Mobile App Development				4	2
7.	17M55CS121	Mobile Systems and Architecture Lab	-	-	4	4	2
8.	17M55CS122	Heterogeneous and Mobile Databases Lab	-	-	2	2	1
		TOTAL				24	17

THIRD SEMESTER

SNo	Course		Contact Hours				Credits
	No.	Title	L	T	P	Total	
1.		Open Elective	3			3	3
2.	17M57CS212	Seminar & Term Paper or Earn credits by transfer, e.g., MOOCs, Course Work at another Institute, Supervised Study				4	4
3.	17M57CS213/ 17M57CS214/ 17M57CS215	Dissertation /Industrial Project / Entrepreneurial Project				8	4
4.	17M57CS121	Project Based Learning-II, Data Analytics Oriented Mobile Application Development	-			8	4
5.		Audit-II	2			2	Qualifying
		TOTAL				25	15

FOURTH SEMESTER

SNo	Course No.	Title	Contact Hours L T P Total				Credits
1.	17M57CS223/ 17M57CS224/ 17M57CS225	Dissertation /Industrial Project/ Entrepreneurial Project				32	16
		TOTAL				32	16

TOTAL CREDITS: 68

Courses for Audit-I and II:

1. English for Research Paper Writing
2. Disaster Management
3. Sanskrit for Technical Knowledge
4. Value Education
5. Constitution of India
6. Pedagogy Studies
7. Stress Management by Yoga
8. Personality Development through life enlightenment skills

Subjects for Open Electives:

1. Business Analytics
2. Industrial Safety
3. Operations Research
4. Cost Management of Engineering Projects
5. Composite Materials
6. Waste to Energy

Electives

1. 18M42CS113 Database and Online Social Media Security
2. 18M42CS111 Network and Mobile Security
3. 18M42CS112 Machine Learning Techniques for Big Data
4. 18M52CS111 Advanced Image Processing on Mobile Devices
5. 18M42CS115 Big Data system
6. 18M42CS117 Advanced Network Technologies
7. 18M42CS121 Fundamentals of Computer Security
8. 18M42CS120 Wireless Communication and Networks
9. 18M12CS111 Advanced Mobile and Cloud Computing