Galgotias University								
Program Structure								
MTECH Communication Engg.(Satellite Communication)								
School Name	DEECE		**Program Name**					M.Tech_ACT
SEMESTER	I		**Program Chair**					
S.NO	**Course Code**	**Course Title**	**L**	**T**	**P**	**S**	**Credit**	**Hours**
1	MCEN5018	Advanced Digital Signal Processing	3	0	1	1	5	5
2	********	Advanced Communication System	3	0	1	4	4	5
3	********	Wireless Sensor Networks	3	0	0	0	3	3
4	MCEN5021	Mobile and Wireless Communication	3	0	0	0	3	3
5	C1PC120T	Advanced Numerical and statistical methods	3	1	0	0	4	4
6	CENG5001	Professional and Communication Skills	0	0	2	0	2	4
7	********	Foundations of Research Inclined Design Thinking (RIDT)	1	0	0	0	1	1
						Total =	**22**	
SEMESTER 2								
S.NO	**Course Code**	**Course Title**	**L**	**T**	**P**	**S**	**C**	**Hours**
1	MCEN6001	Advanced Digital Image Processing	3	0	1	1	5	5
2	MCEN5011	Digital Communication System Design	3	0	1	0	4	5
3	********	MIMO-OFDM for Wireless Communications	3	0	0	0	3	3
4	MCEN5002	Program Elective (Information Theory and Coding)	3	0	0	0	3	3
5	MCEN5009	Program Specific Elective (Mobile ad hoc Network)	3	0	0	0	3	3
6	********	Applications of Research Inclined Design Thinking (RIDT)	1	0	0	0	1	1
						Total =	**19**	
SEMESTER 3								
S.NO	**Course Code**	**Course Title**	**L**	**T**	**P**	**S**	**C**	**Hours**
1	MCEN6009	Data Communication Networks	3	0	0	0	3	3
2	MCEN6010	Program Specific Elective (INTERNET TECHNOLOGY AND APPLICATION	3	0	0	0	3	3
3	MCEN6011	Program Elective (SOFT COMPUTING AND ITS APPLICATION	3	0	0	0	3	3
4	MCEN9997	Research Seminar	0	0	0	1	1	2
5	MCEN9998	Capstone Design-1	0	0	0	9	9	18
6	*********	Specialized Topics in Research-Centric Design Thinking	1	0	0	0	1	1
						Total =	**20**	

SEMESTER 4								
S.NO	Course Code	Course Title	L	T	P	S	C	Hours
1	MCEN9999	Capstone Design-2	0	0	0	19	19	38
2	**********	Capstone Project and Research Dissemination	0	0	0	1	1	1
						Total =	20	

List of Electives

Program Elective

Sl No	Course Code	Name of the Elective					
			L	T	P	S	C
1	********	Introduction to IoT and its Applications	3	0	0	0	3
2	********	Microwave Engineering	3	0	0	0	3
3	********	Cloud Computing	3	0	0	0	3
4	********	Soft Computing and its Applications	3	0	0	0	3
5	********	Principles of Secure Communication	3	0	0	0	3
6	********	High Performance Networks	3	0	0	0	3
7	********	Information Theory and Coding	3	0	0	0	3

Program Specific Elective

Sl No	Course Code	Name of the Elective					
			L	T	P	S	C
1	********	Software Defined Radio and Cognitive Radio Network	3	0	0	0	3
2	********	Mobile Ad Hoc Networks	3	0	0	0	3
3	********	Mobile Computing	3	0	0	0	3
4	********	Estimation over Distributed Networks	3	0	0	0	3
5	********	Optical Communication	3	0	0	0	3
6	********	Internet Technology and Appplications	3	0	0	0	3