



SGT UNIVERSITY

SHREE GURU GOBIND SINGH TRICENTENARY UNIVERSITY

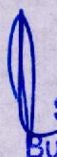
GURGAON, DELHI-NCR

(Established by the Haryana Act No.8 of 2013)

Curriculum and Syllabi

Masters of Technology In Electronics & Communication Engineering

**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
FACULTY OF ENGINEERING & TECHNOLOGY
(2019-2020)**

 **Registrar** 1
SGT University
Budhera, Gurugram

SGT UNIVERSITY
FACULTY OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
M. Tech-ECE- 1st semester (2019-2020)

M. Tech-ECE-I Semester (2019-2020)									
S. No	Course Code	Course Name	L	T	P	C	Int.	Ext	Total Marks
1	13130101	Advanced Microprocessor & Micro Controllers	3	0	0	3	40	60	100
2	13130102	Satellite & Space Communication	3	0	0	3	40	60	100
3	13130103	Information & Communication Theory	3	0	0	3	40	60	100
4	13130104	Advanced Digital Signal processing	3	1	0	4	40	60	100
5	13130105	Satellite Lab.	0	0	4	2	20	30	50
6	13130106	Advanced Microprocessor & Micro Controllers Lab.	0	0	4	2	20	30	50
7		Elective – I	3	0	0	3	40	60	100
Total			15	1	8	20	240	360	600
			24						

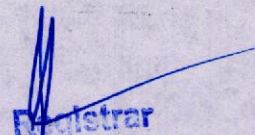
Elective – I		
8	13130107	Advanced Digital Communication Techniques
9	13130108	Advanced Mathematics for Engineers
10	13130109	Computational methods
11	13130110	Data Communication Networks


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FACULTY OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
M.TECH- ECE-2ND SEMESTER (2019-2020)

S. No	Course Code	Course Name	L	T	P	C	Int	Ext	Total Marks
1	13130201	Electronics System Design	3	0	0	3	40	60	100
2	13130202	Optical Communication	3	0	0	3	40	60	100
3	13130203	VLSI Design	3	1	0	4	40	60	100
4	13130204	Wireless Mobile Communication	3	0	0	3	40	60	100
5	13130205	VLSI Lab.	0	0	4	2	20	30	50
6	13130206	Optical communication Lab.	0	0	4	2	20	30	50
7		Elective-II	3	0	0	3	40	60	100
Total			15	1	8	20	240	360	600
			24						

Elective-II		
8	13130207	Switching Systems
9	13130208	Multimedia Systmes
10	13130209	Statistical Models


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SGT University
Faculty of Engineering & Technology
Department of electronics & Communication Engineering
M. Tech-ECE- 3rd semester(2019-2020)

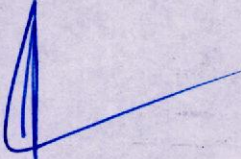
S. No	Semester	Course Code	Course Name	L	T	P	C	Int	Ext	Total Marks
1	III	13130301	Neural Networks & fuzzy Logic	3	1	0	4	40	60	100
2	III	13130302	CDMA System	3	0	0	3	40	60	100
3	III	13130303	Seminar	0	0	6	3	20	30	50
4	III	13130304	Computer Communications	3	0	0	3	40	60	100
5	III	13130305	Dissertation (Phase-I)	0	0	8	4	40	60	100
6	III		Elective- III	3	0	0	3	40	60	100
Total				12	1	14	20	220	330	550
				27						

Elective-III		
7	13130306	Reliability Engineering
8	13130307	Emerging Networks Technologies
9	13130308	Digital Signal Processors & Applications
10	13130309	Image Processing


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M. Tech- 4th semester

M. Tech-4 semester									
S. No	Course Code	Course Name	L	T	P	C	Int.	Ext	Total Marks
1	13130401	Dissertation	0	0	20	10	80	120	200
			0	0	20	10	80	120	200
			20						


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