



Sardar Patel Institute of Technology

Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058-India

Scheme of Curriculum for Electronics and Telecommunication Engineering M.Tech. Program

Scheme for M. Tech. EXTC Engineering (SEM I to SEM IV)						
SEM I						
Course Code	Course Name	Group	Teaching Scheme (Hrs/week)			Credits Total
			L	T	P	
ET911	Advanced Digital Signal Processing	PC	4	-	-	4
ET912	Modern Wireless Communication	PC	4	-	-	4
ET913	Embedded System	PC	4	-	-	4
ETL916	PG Laboratory-I	PC	-	-	2	1
ETL917	PG Laboratory-II	PC	-	-	2	1
ETS918	Seminar-I	PC	-	-	2	1
ETE91X	Professional Elective-I	PE	3	-	-	3
ILE91X	Institute Elective-I	PE	3	-	-	3
	Total		18	-	6	21
SEM II						
Course Code	Course Name	Group	Teaching Scheme (Hrs/week)			Credits Total
			L	T	P	
ET921	Statistical Signal Processing	PC	4	-	-	4
ET922	Network Security	PC	4	-	-	4
ET923	Antenna Design	PC	4	-	-	4
ETL924	PG Laboratory-III	PC	-	-	2	1
ETL925	PG Laboratory-IV	PC	-	-	2	1
ETS926	Seminar-II	PE	-	-	2	1
ETE92X	Professional Elective-II	PE	3	-	-	3
ILE92X	Institute Elective-II	PE	3	-	-	3
	Total		18	-	6	21
SEM III						
Course Code	Course Name	Group	Teaching Scheme (Hrs/week)			Credits Total
			L	T	P	
ETS931	Seminar-II		-	-	6	3
ETP932	Dissertation-I		-	-	24	12
	Total		-	-	30	15
SEM IV						
Course Code	Course Name	Group	Teaching Scheme (Hrs/week)			Credits Total
			L	T	P	
ETP941	Dissertation-II	PR	-	-	30	15
	Total		-	-	30	15



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Code	Professional Elective-I Subjects
ETE91A	Network Architecture and Design
ETE91B	Computer Vision
ETE91C	Machine Learning and Artificial Intelligence

Code	Professional Elective-II Subjects
ETE92A	Error Correcting Code
ETE92B	Internet of Things

Code	Institute Elective-I Subjects
ILE911	Project Management
ILE912	Management Information System
ILE913	Operation Research
ILE914	Cyber Security and Laws
ILE915	Entrepreneurship Development and Management

Code	Institute Elective-II Subjects Massive Open Online Course (MOOC)
ILE921	Department will suggest MOOC courses equivalent to 3 credits.