

M.Tech. in Systems and Control Engineering

(Department of Electrical Engineering)

Course structure (Applicable to Aug. 2019 onwards)

Semester – I

Course No.	Course Title	Credits
EE5606	Convex Optimization	2
EE5450	State feedback control	2
EE5817	Random Variables	2
EE5827	Random Processes	1
EE5600	Introduction to AI and ML	1
	Electives	4-6
	Total	12-14

Semester – II

Course No.	Course Title	Credits
EE5221	Advanced Control Lab	2
EE5327	Optimization	1
EE5440	Classical control techniques for MIMO systems	1
	Electives	8-6
	Total	14-12

Summer Course

Course No.	Course Title	Credits
EE5406	Systems & Control Seminar	2

Semester – III

Course No.	Course Title	Credits
EE6415	SysCon - M.Tech. Stage-1	10
	Total	10

Semester – IV

Course No.	Course Title	Credits
EE6425	SysCon - M.Tech. Stage-2	12
	Total	12