M.Sc./P.G. Diploma Course in Telecommunications

Curriculum and Scheme of Evaluation

Code	Course Modules	Credits[1]	Evaluation[2] (%)	
			Continuous Assessments	Final Exam
Compulsory Modules				
EN5840	Signal Analysis	3	40±20	60±20
EN5261	Telecommunications Technology Management	3	80±20	20±20
EN5361	Advanced Networking Concepts	3	40±20	60±20
EN5830	Engineering Decision Theory	4	40±20	60±20
EN5611	Wireless Communications	3	40±20	60±20
EN5601	Digital Communications	3	40±20	60±20
EN5761	Emerging Technologies	1	100	-
EN5981	Industrial/Research Project	5	100	-
EN6099	Dissertation (for MSc)	20	-	100
Elective Modules				
EN5271	Telecommunications Policy	3	80±20	20±20
EN5371	Network Design	3	80±20	20±20
EN5461	Statistical Signal Processing	3	40±20	60±20
EN5850	Advanced Stochastic Processes	3	40±20	60±20
EN5821	Applied Information Theory	3	40±20	60±20
EN5860	Applied Statistical Learning	3	40±20	60±20
EN5870	Pattern Recognition	3	40±20	60±20
EN5691	Network Security	3	40±20	60±20
EN5281	Network Planning and Management	3	80±20	20±20
EN5621	Broadband Wireless Systems	3	40±20	60±20
EN5631	Wireless Networks	3	40±20	60±20
EN5681	Optical Communication and Networks	3	40±20	60±20
EN5651	Microwave Systems	3	40±20	60±20
EN5450	Digital Signal Processing	3	40±10	60±10
EN5204	Vision Based Automation	3	40±10	60±10
EN5008	RF Circuit Design	2	40±10	60±10
EN5102	Digital Systems Design	3	40±10	60±10

Code	Course Modules	Credits[1]	Evaluation[2] (%)	
			Continuous Assessments	Final Exam
EN5202	Electronic Circuit Design	2	40±10	60±10
EN5730	Machine Learning for Communications	3	60±10	40±10

[1] 1 credit corresponds to 14 hours of lectures or equivalent

[2] The mean value in the evaluation scheme is the default value. It can be changed by the Lecturer/Examiner concerned, within the specified range, by announcement to the students at the commencement of the course unit.

[3] Evaluation is based on the requirements as specified in clause 4.1(c) of the By-Law.

[4] Effective from 2019 intake onwards.