

ANNEXTURE I
GOA UNIVERSITY
SECOND YEAR OF BACHELOR'S DEGREE COURSE IN ELECTRONICS AND
TELECOMMUNICATION
(Revised in 2007-08)
SCHEME OF INSTRUCTION AND EXAMINATION

SEMESTER III:

SUB CODE	SUBJECTS	Scheme Of Instruction Hrs/Week			Scheme Of Examination					
		L	T	P	Th Dur. (Hrs.)	Marks				
						Th	S	P	O	Total
ETC 3.1	Applied Mathematics-III	4	0	-	3	100	25	-	-	125
ETC 3.2	Digital System Design	4	0	2	3	100	25	50	-	175
ETC 3.3	Network Analysis & Synthesis	3	1	2	3	100	25	-	-	125
ETC 3.4	Electronic Devices & Circuits	3	1	2	3	100	25	50	-	175
ETC 3.5	Managerial Economics	4	0	-	3	100	25		-	125
ETC 3.6	Computer Oriented Numerical Techniques	4	0	2	3	100	25	-	-	125
	Total	22	2	8	-	600	150	100	-	850

L : Lectures, T : Tutorials, P : Practicals.

Th. Dur. : Duration of Theory Paper

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SEMESTER IV:

Sub Code	Subjects	Scheme Of Instruction Hrs/Week			Scheme Of Examination					
		L	T	P	Th	Marks				
						Th	S	P	O	Total
ETC 4.1	Applied Mathematics IV	4	0	-	3	100	25	-	-	125
ETC 4.2	Signals and Systems	3	1	2	3	100	25	-	50	175
ETC 4.3	Electrical Technology	4	0	2	3	100	25	-	-	125
ETC 4.4	Electromagnetic field & Waves	3	1	0	3	100	25	-	-	125
ETC 4.5	Linear Integrated Circuits	4	0	2	3	100	25	50	-	175
ETC 4.6	Data Structures using C++	4	0	2	3	100	25	-	-	125
	Total	22	2	8	-	600	150	50	50	850

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SEMESTER V:

SUB CODE	SUBJECTS	Scheme Of Instruction			Scheme Of Examination					
		L	T	P	Th Dur (Hr)	Marks				Total
						Th	S	P	O	
ETC 5.1	Probability Theory & Random Processes	4	0	-	3	100	25	-	-	125
ETC 5.2	Control System Engineering	4	0	2	3	100	25	-	-	125
ETC 5.3	Communication Engineering-I	4	0	2	3	100	25	-	50	175
ETC 5.4	Microprocessors	4	0	2	3	100	25	-	50	175
ETC 5.5	Digital Signal Processing	3	1	2	3	100	25	-	-	125
ETC 5.6	Transmission Lines and Waveguides	4	0	-	3	100	25	-	-	125
	Total	23	1	8		600	150	-	100	850

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SEMESTER:VI

SUB CODE	SUBJECTS	Scheme Of Instruction			Scheme Of Examination					
		L	T	P	Th Dur.(hrs.)	Marks				
						Th.	S	P	O	Total
ETC 6.1	Digital Communication	4	0	2	3	100	25	-	50	175
ETC 6.2	Peripheral Devices and Interfacing	4	0	2	3	100	25	-	-	125
ETC 6.3	Power Electronics	4	0	2	3	100	25	-	-	125
ETC 6.4	Antenna & Wave Propagation	4	0	-	3	100	25	-	-	125
ETC 6.5	Electronic Instrumentation	4	0	2	3	100	25	-	-	125
ETC 6.6	VLSI Technology and Design	4	0	2	3	100	25	-	50	175
	Total	24	0	10		600	150	-	100	850

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SEMESTER VII:

SUB CODE	Subjects	Scheme Of Instruction			Scheme Of Examination					
		L	T	P	Th Dur(hrs)	Marks				
						Th	S	P	O/SM	Total
ETC 7.1	Data Communication	4	0	2	3	100	25	-	50	175
ETC 7.2	Microwave & Radar Engineering	4	0	2	3	100	25	-	50	175
ETC 7.3	Optical Fiber Communication	4	0	2	3	100	25	-	-	125
ETC 7.4	Elective I	4	0	2	3	100	25	-	50	175
ETC 7.5	Elective II	4	0	0	3	100	25	-	-	125
ETC 7.6	Project Seminar	0	0	4	-	-	25	-	50*	075
	Total	20	0	12	-	500	150	-	200	850

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Semester VIII:

Sub Code	Subjects	Scheme of Instruction hrs/week			Scheme of examination					
		L	T	P	Th Dur (hrs)	Marks				
						Th	S	P	O	Total
ETC 8.1	Satellite & TV Engineering	4	0	2	3	100	25	-	50	175
ETC 8.2	Elective III	4	0	2	3	100	25	-	50	175
ETC 8.3	Elective IV	4	0	2	3	100	25	-	50	175
ETC 8.4	Project	0	0	12	-	-	75	-	125**	200
	Total	12	0	18	-	300	150	-	275	725

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