COMPUTER ENGINEERING COURSE

SCHEME OF INSTRUCTION AND EXAMINATION REVISED COURSE 2019-2020

SEMESTER – VII

Course Code	Nomenclature of the Course	Scheme of Instruction Hrs/Week			Scheme of Examination						
		L	T	P	Duration (Hrs)	Marks					Credits
						Th	IA	TW*	O	Total	
CE710	Compiler Design	3	1	0	3	100	25	25	0	150	4
CE721	Embedded Systems & Design	3	0	0	3	100	25	0	0	125	3
CE722	Machine Learning										
CE723	Data Analytics										
CE724	Mobile Computing & Android Programming										
CE730	Compiler Design Lab	0	0	2	--	0	0	0	50	50	1
**	Open Elective	3	0	0	3	100	25	0	0	125	3
CE740	Internship	0	0	6	--	0	0	50	50	100	3
CE750	Project Work - Phase I	0	0	6	--	0	0	50	75	125	3
	TOTAL	9	1	14	--	300	75	125	175	675	17

* Term Work marks are to be awarded through continuous evaluation

** Students may enter the subject code of the open elective selected from the courses of other branch of Engineering.

LEGEND

Abbreviation	Description
L	Lecture
T	Tutorial
P	Practical
O	Oral
Th	Theory
TW	Term Work
IA	Internal Assessment

COMPUTER ENGINEERING COURSE

SCHEME OF INSTRUCTION AND EXAMINATION REVISED COURSE 2019-2020

SEMESTER – VIII

Course Code	Nomenclature of the Course	Scheme of Instruction Hrs/Week			Scheme of Examination								Credits
		L	T	P	Duration (Hrs)	Marks							
						Th	IA	TW*	O	OCS	Total		
CE810	Cryptography Techniques for Network Security	3	0	0	3	100	25	0	0	--	125	3
CE821	Internet of Things	3	0	0	3	100	25	0	0	--	125	3
CE822	Pattern Recognition											
CE823	Multimedia Systems & Applications											
CE824	Software Development Framework											
CE830	# Elective - NPTEL / MOOC / SWAYAM	3	0	0	--	0	0	25#	0	75#	100	3
CE840	Project Work - Phase II	0	0	18	--	0	0	200	200	--	400	9
	TOTAL	9	0	18	--	200	50	225	200	75	750	18

* Term Work marks are to be awarded through continuous evaluation

Students should mandatorily undertake one NPTEL Course of only 3 credits from the list of approved
online courses of Goa University to be offered during the V/ VI/VII Semester.
Online **Assignments** Score obtained will be considered/scaled accordingly for Term Work (TW)
and **Proctored Exam** Score will be considered/scaled accordingly for Online Course Score (OCS)
of NPTEL / MOOC / SWAYAM certification course. The score obtained shall be rounded to near
higher integer.

LEGEND

Abbreviation	Description
L	Lecture
T	Tutorial
P	Practical
O	Oral
Th	Theory
TW	Term Work
IA	Internal Assessment
OCS	Online Course Score