

Department of Electronics & Communication Engineering

Programs/Courses Revision: Curricular Structure of proposed B.Tech. ECE in lines with NEP

Integral University

Study & Evaluation Scheme

B. Tech. Electronics & Communication Engineering

w.e.f. 2025-26 (for admitted batch 2024-25 onwards)

Year II, Semester IV

Year II, Semester IV																									
S. No.	Course Category	Subject Code	Name of Subject	Periods				Evaluation Scheme							Subject Total	Attributes							United Nations Sustainable Development		
								Sessional (CA)					End Sem. Exam. (ESE)			Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional	Goals (SDGs)		
				L	T	P	C	CT		TA		Total	TE	PE										Total	
								Th	P	Th	P														
1	PCC	EC216	Embedded C and Linux	3	0	2	4	50	15	25	10	100	75	25	100	200	√	√	√						4, 9
2	PCC	EC209	Digital Electronics	3	0	2	4	50	15	25	10	100	75	25	100	200	√	√	√						4
3	PCC	EC283	Electromagnetic Field & Antenna	3	0	0	3	50	-	25		75	75	-	75	150	√		√						4
4	PCC	EC211	Measurement and Sensors	3	0	2	4	50	15	25	10	100	75	25	100	200	√	√	√		√				4, 9
5	PCC	EC210	Signals and Systems	3	0	0	3	50	-	25		75	75	-	75	150	√	√	√		√				4, 9
6	PCC	EC256	Mini Project/ Seminar/ Case Study	0	0	3	2	-	30	-	20	50	-	50	50	100				√			√		5
7	MC	BM226	Human Values Professional Ethics	2	0	0	0	-	-	-	-	-	100	-	100	100				√			√		5
8	PEC Elective I /Open Elective	EC257/ (OE)	Solar Engineering	3	0	0	3	50	-	25	-	75	75	-	75	150	√		√						4, 9
		EC258/ (OE)	Wind Engineering																						
		EC259	Quality Control, Assurance & Reliability																						
		EC260	Critical Thinking, Problem Solving & Innovation																						
Total				20	0	9	23	375		200		575		550	125	675	1250								

L – Lecture, T – Tutorial, P – Practical, C – Credits, CT – Class Test, TA - Teacher Assessment, Th- Theory, OE - Open Elective

Sessional Total (CA) = Class Test (CT) + Teacher Assessment (TA),

Subject Total (CA) = Sessional Total (CA) + End Semester Examination (ESE)

BSC - Basic Science Courses, ESC - Engineering Science Courses, HSSM - Humanities, Social Sciences & Management courses, PEC - Professional Elective courses

PCC - Professional core courses, DE - Departmental Elective, ESA - Engineering Sciences & Arts (Foundation Course & Engineering Course), MC- Mandatory Course