DEPARTMENT OF ECE
CURRICULUM vs PEOs

S.NO	SUBJECT NAME	SUBJECT CODE	THEORY	LAB	PEO1	PEO2	PEO3	PEO4	PEO5
	SEMESTER - I								
1	English –I	BEN101	✓					✓	
2	Mathematics-I	BMA101	✓		✓				
3	Engineering Physics-I	BPH101	✓		✓				
4	Engineering Chemistry - I	BCH101	✓		✓				
5	Fundamentals of Computing and Programming	BCS101	✓		✓	✓			
6	French	BFR101	✓					✓	
7	German	BGM101	✓					✓	
8	Japanese	BJP101	✓					✓	
9	Korean	BKR101	✓					✓	
10	Chinese	BCN101	✓					✓	
11	Engineering Graphics-C	BME102	✓		✓				
12	Basic Electrical and Electronics Engineering	BEE101	✓		✓	✓			
13	Computer Practice Laboratory- I	BCS1L1		✓	✓	✓			
14	Basic Electrical and Electronic Engineering Practices Laboratory	BEE1L1		✓	✓	✓			
15	Yoga	BSS1L7		✓			✓	✓	
	SEMESTER - II								
1	English - II	BEN201	✓					✓	
2	Mathematics - II	BMA201	✓		✓				
3	Engineering Physics - II	BPH201	✓		✓				
4	Engineering Chemistry - II	BCH201	✓		✓				
5	Internet Programming	BCS201	✓		✓	✓			
6	Personality Development	BSS201	✓					✓	
7	Biology for Engineers	BBT202	✓		✓				

#	Course	Code						
8	Basic Mechanical Engineering	BME203	✓		✓			
9	Basic Civil Engineering	BCE201	✓		✓			
10	Internet Practices Laboratory	BCS2L1		✓	✓	✓		
11	Basic Civil & Mechanical Engineering Practices Laboratory	BCM2L1		✓	✓			
12	Physics and Chemistry Laboratory	BPC2L1		✓	✓			
13	NCC/NSS/NSO	BSS2L5		✓				✓
SEMESTER - III								
1	Mathematics–III	BMA301	✓		✓			
2	Electrical Machines	BEE305	✓		✓			
3	Signals And Systems	BEC301	✓		✓	✓	✓	
4	Principles Of Digital Electronics	BEC302	✓		✓	✓	✓	
5	Circuit Theory	BEE301	✓		✓	✓	✓	
6	Environmental Studies	BCE306	✓		✓			
7	Electrical Engineering Lab	BEE3L3		✓	✓			
8	Electronic Devices and Circuits Lab	BEC3L1		✓	✓	✓	✓	
9	Digital Electronics Lab	BEC3L2		✓	✓	✓	✓	
SEMESTER - IV								
1	Numerical Methods	BMA402	✓		✓			
2	Electronic Circuits	BEC402	✓		✓	✓	✓	
3	Linear Integrated Circuits	BEC405	✓		✓	✓	✓	
4	Objected Oriented Programming and Data Structures	BCS406	✓		✓	✓	✓	
5	Electromagnetic Fields and Waves	BEC403	✓		✓	✓	✓	
6	Electronic Instrumentation	BEI406	✓		✓	✓	✓	
7	Electronic Circuit Design Lab	BEC4L1		✓	✓	✓	✓	
8	Linear Integrated Circuits Lab	BEC4L2		✓	✓	✓	✓	
9	Object Oriented Programming And Data Structures Laboratory	BCS4L3		✓	✓	✓	✓	

#	Course	Code							
SEMESTER - V									
1	Microprocessor and Microcontroller	BEC502	✓		✓	✓	✓		
2	Communication Engineering-I	BEC504	✓		✓	✓	✓		
3	Digital Signal Processing	BEC505	✓		✓	✓	✓		
4	Random Process	BMA504	✓		✓	✓	✓		
5	Digital Signal Processing Laboratory	BEC5L1		✓	✓	✓	✓		
6	Microprocessor and Microcontroller lab	BEC5L6		✓	✓	✓	✓		
7	Communication Engineering Laboratory-I	BEC5L3		✓	✓	✓	✓		
	Comprehension-I	BEC5C1		✓	✓			✓	
OPEN ELECTIVE -I									
1	Principles of Management and Organisational Behavior	BBA001	✓				✓	✓	✓
2	Total Quality Management	BBA008	✓		✓		✓	✓	✓
3	Engineering Economics and financial Management	BBA004	✓		✓		✓	✓	✓
CORE ELECTIVE -I									
1	Transmission lines ,Networks and Waveguides	BEC503	✓		✓	✓	✓		
2	VLSI Design	BEC010	✓		✓	✓	✓		✓
3	Advanced Computer Architecture	BEC001	✓		✓	✓	✓		
4	MEMS and NEMS	BEC008	✓		✓	✓	✓		
SEMESTER - VI									
1	Computer Communication and Networks	BEC601	✓		✓	✓	✓		✓
2	Communication Engineering-II	BEC604	✓		✓	✓	✓		
3	Control Systems	BEI601	✓		✓	✓	✓		
4	Value Education and Professional Ethics	BSS601	✓				✓	✓	✓
5	Computer Communication & Networks Lab	BEC6L1		✓	✓	✓	✓		✓
6	Electronics System Design Lab	BEC6L2		✓	✓	✓	✓		✓
7	Communication Engineering–II Lab	BEC6L3		✓	✓	✓	✓		
CORE ELECTIVE -II									
1	Digital Image Processing	BEC007	✓		✓	✓	✓		

#	Course	Code	C1	C2	C3	C4	C5	C6	C7	C8
2	ASIC Design	BEC015	✓		✓	✓	✓			
3	Wireless Networks	BEC002	✓		✓	✓	✓			
4	Cryptography And Network Security	BEC012	✓		✓	✓	✓			✓
NON MAJOR ELECTIVE -I										
1	Neural Networks	BCS002	✓		✓	✓	✓			
2	Bio Informatics	BBM054	✓		✓	✓	✓			
3	Embedded Systems Design	BEI605	✓		✓	✓	✓			✓
4	Mobile and Pervasive Computing	BCS702	✓		✓	✓	✓			✓
SEMESTER - VII										
1	Fiber Optic Communication	BEC701	✓		✓	✓	✓			✓
2	Digital CMOS VLSI	BEC702	✓		✓	✓	✓			
3	Microwave Engineering	BEC703	✓		✓	✓	✓			✓
4	Antennas And Wave Propagation	BEC704	✓		✓	✓	✓			✓
5	Digital CMOS VLSI Lab	BEC7L1		✓	✓	✓	✓			
6	Optical Communication Lab	BEC7L2		✓	✓	✓	✓			
7	Microwave Engineering Lab	BEC7L3		✓	✓	✓	✓			
8	Term Paper	BEC7P1		✓					✓	✓
NON MAJOR ELECTIVE -II										
1	Grid And Cloud Computing	BCS701	✓		✓	✓	✓			✓
2	Artificial Intelligence& Expert System	BCS603	✓		✓	✓	✓			✓
3	Distributed Operating Systems	BCS 008	✓		✓	✓	✓			
CORE ELECTIVE -III										
1	Cognitive Radio	BEC016	✓		✓	✓	✓			✓
2	Blue Tooth Technology	BEC005	✓		✓	✓	✓			✓
3	Cellular Mobile Communication	BEC705	✓		✓	✓	✓			✓
4	Satellite Communication	BEC003	✓		✓	✓	✓			✓
SEMESTER -VIII										
1	Project Work	BEC8P1		✓	✓	✓	✓			

#	Course	Code								
2	Comprehension-II	BEC8C1		✓	✓			✓		
OPEN ELECTIVE - II										
1	Logic And Distributed Control System	BEI701	✓		✓	✓	✓			
2	Analog Integrated Circuit Design	BEI012	✓		✓	✓	✓			
3	Integrated Service Digital Network	BET008	✓		✓	✓	✓			
NON MAJOR ELECTIVE -III										
1	Biosensors And Transducer	BBM405	✓		✓	✓	✓		✓	
2	Virtual Instrumentation	BEI704	✓		✓	✓	✓		✓	
3	Telecommunication Switching Systems	BET603	✓		✓	✓	✓		✓	

DEPARTMENT OF ECE

Curriculum vs PEOs

PEOS	SEM 1	SEM 2	SEM 3	SEM 4	SEM 5	SEM 6	SEM 7	SEM 8	Total
PEO1	8	10	9	9	10	8	9	4	67
PEO2	4	2	5	8	8	8	9	3	47
PEO3	1	0	5	8	9	9	9	3	44
PEO4	7	3	0	0	2	1	1	1	15
PEO5	0	0	0	0	2	6	6	1	15

Curriculum vs PEOs