

FOURTH YEAR B.TECH

ELECTRICAL ENGINEERING

SEVENTH SEMESTER				EIGHTH SEMESTER			
Theory		Contact Hrs.		Theory		Contact Hrs.	
Course Code	Subject	L . T . P	CR	Course Code	Subject	L . T . P	CR
BEE 401	Electric Drives & Traction	3 - 1 - 0	4	BEE 404	High Voltage Engineering	3 - 0 - 0	3
BEE 402	Power System Operation & Control	3 - 1 - 0	4		Elective-I		
BEE 403	Switch Gear & Protection Devices	3 - 1 - 0	4	BEE 405	Renewable Energy Sources	3 - 0 - 0	3
				BEE 406	Power Quality		
				BEE 407	Energy Management		
				BEE 408	Bio Medical Instrumentation		
				BEE 409	Optimal & Adaptive Control		
				BEE 410	Advanced Electrical m/c		
BEE 411	HVDC						
BEC 304	Digital Signal Processing	3 - 0 - 0	3		Elective -II		
BEC 419	Communication Engineering	3 - 0 - 0	3	BCS 422	Soft Computing	3 - 0 - 0	3
				BEE 413	Introduction to Bio-informatics		
				BMA 302	Optimization Tech.		
				BEE 414	Introduction to Nanotech.		
				BCS 419	Computer Network		
				BEC 307	Adv. Microprocessor & Embedded System		
					Elective -III		
				BMS 302	Production and Operation Management	3 - 0 - 0	3
				BCS 413	Data Base Management System		
				BCS 428	Knowledge Management		
				BME 424	Technology Management		
Sessionals				Sessionals			
BEE 491	Power System Lab.	0 - 0 - 3	2	BEE 495	Comprehensive Viva Voce	0 - 0 - 3	2
BEE 492	Adv. Computational Lab.	0 - 0 - 3	2	BEE 496	Seminar	0 - 0 - 3	2
BEE 493	Practical Training Seminar	0 - 0 - 3	2	BEE 497	Major Project	0 - 0 - 9	6
BEE 494	Minor Project	0 - 0 - 3	2				
	Total	15-3-12	26		Total	12-0-15	22