

BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ORISSA

ELECTRICAL ENGINEERING (EE)

7 th Semester					8 th Semester					
Code	Subjects	L-T-P	Credit		Code	Subjects	L-T-P	Credit		
	Theory					Theory				
HSSM3401	Entrepreneurship Development	3-0-0	3		PCEE4402	Power System Protection	3-0-0	3		
PCEL4401	Power System Operation and Contr	3-0-0	3							
	<u>Professional Elective-III (Any one)</u>	3-0-0	3			<u>Professional Elective-V (Any one)</u>	3-0-0	3		
PCEC4401	VLSI Design				PEEI5403	Industrial Instrumentation				
PEEE5409	Flexible AC Transmission System				PEEL5403	Electrical Power Quality				
PEEL5402	Special Electromechanical Devices				PEEI5402	Optimal Control				
PEEE5406	Soft Computing				PEEE5410	Advanced Power Electronics				
PEEE5408	High Voltage DC Transmission									
	<u>Professional Elective-IV (Any one)</u>	3-0-0	3			<u>Free Elective-IV (Any one)</u>	3-0-0	3		
PEEE5407	Industrial Automation and Control				PEEC5418	Satelite Communication Systems				
PEEL5401	Adaptive Signal Processing				PECS5406	Digital Image Processing				
PEEC5414	Advanced Control Systems.				PEEC5405	Embedded Systems				
	<u>Free Elective-III (Any one)</u>	3-0-0	3		PEEI5406	Adaptive Control				
FEEE6402	High Voltage Engg.					<u>Free Elective-V (Any one)</u>	3-0-0	3		
PEME5407	Mechatronics				FEEE6401	Power Station Engg and Economy				
PEEC5416	Biomedical Instrumentation				HSSM3403	Marketing Management				
					PCME4404	Production & Operations Management				
	Theory Credits		15			Theory Credits		12		
	Practical/Sessional					Practical/Sessional				
PCEE7401	Power System Lab.	0-0-3	2		PCEL7405	Major Project	0-0-6	7		
PCEL7402	Minor Project	0-0-3	3		PCEL7404	Comprehensive Viva-Voce	0-0-3	2		
PCEL7403	Seminar / Training Seminar	0-0-3	3							
	Practical/Sessional Credits		08			Practical/Sessional Credits		09		
TOTAL SEMESTER CREDITS				23	TOTAL SEMESTER CREDITS				21	
TOTAL CUMULATIVE CREDITS				183	TOTAL CUMULATIVE CREDITS				204	