

# BIJU PATNAIK UNIVERSITY OF TECHNOLOGY , ORISSA

## ELECTRICAL & ELECTRONICS ENGINEERING (EEE)

7 <sup>th</sup> Semester					8 <sup>th</sup> Semester				
Code	Theory	Subjects	L-T-P	Credit	Code	Theory	Subjects	L-T-P	Credit
HSSM3401		Entrepreneurship Development	3-0-0	3	PCEE4402		Power System Protection	3-0-0	3
PCEE4401		Electrical Power Transmission and Distribution	3-0-0	3			<b><u>Professional Elective-V (Any one)</u></b>	3-0-0	3
PE		<b><u>Professional Elective-III (Any one)</u></b>	3-0-0	3	PEEE5410		Advanced Power Electronics		
PEEE5406		Soft Computing			PEEL5403		Electrical Power Quality		
PEEE5407		Industrial Automation & Control			PEEI5402		Optimal Control		
PCEC4401		VLSI Design					<b><u>Free Elective-IV (Any one)</u></b>	3-0-0	3
PEEE5408		High Voltage DC Transmission			PEEC5418		Satellite Communication Systems		
PEEE5409		Flexible AC Transmission System			PECS5406		Digital Image Processing		
PEEC5414		<b><u>Professional Elective-IV (Any one)</u></b>	3-0-0	3	PEEI5403		Industrial Instrumentation		
		Advanced Control Systems			PEEC5405		Embedded Systems		
PEEC5402		Advanced Communication Systems					<b><u>Free Elective-V (Any one)</u></b>	3-0-0	3
PCEL4401		Power System Operation and Control			FEEE6401		Power Station Engg and Economy		
		<b><u>Free Elective-III (Any one)</u></b>	3-0-0	3	HSSM3403		Marketing Management		
PEEC5416		Biomedical Instrumentation			PCME4404		Production & Operations Management		
PEEL5401		Adaptive Signal Processing							
PEME5407		Mechatronics							
		<b>Theory Credits</b>		<b>15</b>			<b>Theory Credits</b>		<b>12</b>
		<b>Practical/Sessional</b>					<b>Practical/Sessional</b>		
PCEE7401		Power System Lab.	0-0-3	2	PCEE7404		Major Project	0-0-6	7
PCEE7402		Minor Project	0-0-3	3	PCEE7405		Comprehensive Viva-Voce	0-0-3	2
PCEE7403		Seminar / Training Seminar	0-0-3	3					
		<b>Practical/Sessional Credits</b>		<b>08</b>			<b>Practical/Sessional Credits</b>		<b>09</b>
<b>TOTAL SEMESTER CREDITS</b>				<b>23</b>	<b>TOTAL SEMESTER CREDITS</b>				<b>21</b>
<b>TOTAL CUMULATIVE CREDITS</b>				<b>183</b>	<b>TOTAL CUMULATIVE CREDITS</b>				<b>204</b>