



**BRAINWARE UNIVERSITY**  
**SCHOOL OF ENGINEERING**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
**Ph. D. IN ENGINEERING (ELECTRONICS & COMMUNICATION ENGINEERING) 2023-24**

Course Code	Course Name	Hours per week			Credit(s)	Total Marks
		L	T	P		
PHD-RM01	Research Methodology	4	0	0	4	100
PHD-RPE01	Research and Publication Ethics	2	0	0	2	100
PHD-ECE01	A. Fiber Optics: Communication and Devices B. Semiconductor Devices	3	0	0	3	100
PHD-ECE81	Case Study and Presentation	0	0	0	3	100
<b>TOTAL</b>		<b>9</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>400</b>