

**Department of Electrical Engineering**  
**Pakistan Institute of Engineering and Applied Sciences**

Courses Offered in BSEE in 7<sup>th</sup> and 8<sup>th</sup> Semesters

<b>Semester 7 (Power)</b>	
EE-416	Linear Control Systems (3+1)
CIS-318	Data Structure and Algorithm (3+1)
EE-499	Thesis Project (0+3)
EE-430	High Voltage Engineering (3+1)
EE-432	Power System Protection (3+1)

<b>Semester 7 (Electronics and Telecommunication)</b>	
EE-416	Linear Control Systems (3+1)
CIS-318	Data Structure and Algorithm (3+1)
EE-499	Thesis Project (0+3)
EE-XXX	Computational Intelligence (3+1)
EE-425	Fundamentals of Robotics (3+1)

<b>Semester 8 (Power)</b>	
CMS-109	Entrepreneurship (2+0)
CMS-301	Principles of Management (2+0)
EE-499	Thesis Project (0+3)
EE-431	Power Systems Operation and Control (3+1)

<b>Semester 8 (Electronics and Telecommunication)</b>	
CMS-109	Entrepreneurship (2+0)
CMS-301	Principles of Management (2+0)
EE-499	Thesis Project (0+3)
EE-427	Digital Communication Systems (3+1)

(Dr. Naeem Iqbal)  
DCE, Head DEE