

Faculty of Engineering & Technology

Actuators and Power Electronics

Information :

Course Code : EPR 442

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Specialization of Electronics & Communication

Description :

Single phase induction motors, Two phase machines and applications in control systems, Special AC machines. Power diodes, Power bipolar junction transistors, Thyristors, Rectifiers, Principles of power conditioning, Switching characteristics of power semiconductor devices, Computer simulation of power electronic circuits, Analysis, design, and applications of power converters.