

EEE.9-3.6 Mechatronics

Course contents: * Introduction to mechatronics. * Dynamics of moving systems. * Movement control. * Electromechanical actuators. * Analog electronics in mechatronic systems. * System design. The V model. * Energy transducers/actuators. * Programming/Control of mechatronic systems. * Sensors. * Electronic circuits for sensor/transducer signal processing. * Applications of mechatronic systems.