## EEE.9-3.1 Modern Microcomputer Systems

Course contents: * Development platforms and tools. Arduino. Beagleboard. Raspberry Pi. NXP Freedom. TI Sensortag. C.H.I.P. PocketCHIP. * Introduction to embedded cyber physical systems (CPS). State-flow implementation. Specification Description Language (SDL). * Microcontroller programming with MBED. * Raspberry Pi development platform. * Connection, control and communication of Raspberry Pi.