



**C-DAC & Gujarat Technological University M.E.  
Electronics & Communication Engineering  
(VLSI & Embedded Systems Design)  
Gandhinagar**

**Semester –III**

**2735204: Advanced Device Drivers –II**

**UNIT – I**

Porting RTOS and Embedded Operating Systems, Building RTOS / EOS Image for Target Hardware, Time, Space and Power aware Programming

**UNIT – II**

Introduction to Bootloaders and Board Support Packages, Embedded File Systems,

**UNIT – III**

Embedded Linux Kernel Internals, Embedded Linux Device Drivers

**UNIT – IV**

Wired and wireless connectivity of devices, Power Management and its impact on device management, Compliance to protocols