

Course No.	Course Title	Credits	Pre-requisite	Learning Type
0706452	Electronics (2)	3	0706351	Face-to-face
<p>The principles of operational amplifiers; applying the MOSFET in amplifier design; small signal operation and models of MOSFET; basic MOSFET amplifier configuration; biasing in MOS amplifier circuits; discrete circuit MOS Amplifiers; the body effect and other topics for MOSFET; applying the BJT in Amplifier design; small signal operation and models of BJTs; basic BJT amplifier configurations; biasing in BJT amplifier circuits; discrete circuit BJT amplifiers; transistor breakdown and temperature effects; the principles of bipolar junction circuit design and analysis.</p>				