



**Sardar Patel University
Vallabh Vidyanagar**

1.1.3 Courses having focus on employability/entrepreneurship/ skill development

M. Sc. (Electronics)

PS01CELE21	Semiconductor Science and Devices
PS01CELE22	Applications of ICs And Fuzzy Electronics
PS01CELE23	Microprocessor & Microcontroller Systems
PS01CELE24	Practicals
PS01CELE25	Project work
PS01EELE21	Analytical and Bio Medical Instruments
PS01EELE22	Network Analysis
PS02CELE21	Electromagnetism and Antenna Theory
PS02CELE22	Microprocessor and Real Time Systems
PS02CELE23	Programming in C / C++
PS02CELE24	Practicals
PS02CELE25	Project Work
PS02EELE21	Industrial Electronics
PS02EELE22	Advanced Electronic Science & Devices
PS03CELE21	Principles of Control Systems
PS03CELE22	Digital & Microwave Communication Systems
PS03CELE23	Computer Hardware and Networking
PS03CELE24	Practical
PS03CELE25	Project Work
PS03EELE21	Thin Film Technology
PS03EELE22	Digital Signal Processing
PS03EELE23	ARM Programming And Embedded Communication Protocols
PS04CELE21	IC Fabrication Technology
PS04CELE22	Fiber Optics & its Application
PS04CELE23	Sensor Technology
PS04CELE24	Practicals
PS04CELE25	Project Work
PS04EELE21	Design Of VLSI Systems
PS04EELE22	Computer Based Industrial Control
PS04EELE23	Principles Of Nanoelectronics
PS04EELE24	Advanced Digital Systems Design With HDL
PS04EELE25	CMOS Technology & VLSI Design