



**Sardar Patel University**  
Vallabh Vidyanagar

**1.1.3 Courses having focus on employability/entrepreneurship/ skill development**

**M. Sc. (Applied Physics)**

<a href="#">PT01CAPC01</a>	Basic Mathematical Tools
<a href="#">PT01CAPC02</a>	Physics of Atomic - Molecular Spectroscopy and Statistical Mechanics
<a href="#">PT01CAPC03</a>	Applied Electronics
<a href="#">PT01CAPC04</a>	Experimental Methods -I
<a href="#">PT01CAPC05</a>	Experimental Methods -II
<a href="#">PT01EAPC01</a>	Nanoscience & Applied Materials
<a href="#">PT01EAPC02</a>	Numerical and Statistical Methods for Applied Physics
<a href="#">PT02CAPC01</a>	Classical Mechanics and Quantum Mechanics
<a href="#">PT02CAPC02</a>	Electrodynamics
<a href="#">PT02CAPC03</a>	Elements of Applied Physics
<a href="#">PT02CAPC04</a>	Experimental Methods -III
<a href="#">PT02CAPC05</a>	Experimental Methods -IV
<a href="#">PT02EAPC01</a>	Fundamentals of Materials Science
<a href="#">PT02EAPC02</a>	Electronics Devices & Photovoltaics
<a href="#">PT03CAPC01</a>	Quantum Effects in Solids
<a href="#">PT03CAPC02</a>	Optical and Magnetic Properties of Solids
<a href="#">PT03CAPC03</a>	Non Destructive Testing Techniques
<a href="#">PT03CAPC04</a>	Experimental Methods -V
<a href="#">PT03CAPC05</a>	Experimental Methods -VI
<a href="#">PT03EAPC01</a>	Surface Science and Thin Film Technology
<a href="#">PT04CAPC01</a>	Elements of Nuclear and Particle Physics
<a href="#">PT04CAPC02</a>	Sophisticated Experimental & Characterization Techniques
<a href="#">PT04CAPC03</a>	Advanced Devices and Sensors
<a href="#">PT04CAPC04</a>	Experimental Methods –VII
<a href="#">PT04CAPC05</a>	Experimental Methods -VIII
<a href="#">PT04CAPC07</a>	Project Work
<a href="#">PT04EAPC01</a>	Crystallography and Crystal Growth Methods
<a href="#">PT04EAPC02</a>	Advanced Electronic Devices