



**Sardar Patel University  
Vallabh Vidyanagar**

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

**Master of Computer Applications (MCA)**

<a href="#">PS01FMCA21</a>	Fundamentals of Mathematics and Accounting
<a href="#">PS01CMCA21</a>	Computer Programming and Problem Solving
<a href="#">PS01CMCA22</a>	Logical Organization of Computers
<a href="#">PS01CMCA23</a>	Database Management Systems- I
<a href="#">PS01CMCA24</a>	Systems Analysis and Design
<a href="#">PS01CMCA25</a>	Practicals
<a href="#">PS02FMCA21</a>	Statistical and Optimization Techniques
<a href="#">PS02CMCA21</a>	Computer Networks – I
<a href="#">PS02CMCA22</a>	Data Structures and Advanced Programming Concepts
<a href="#">PS02CMCA23</a>	Database Management Systems – II
<a href="#">PS02CMCA24</a>	Operating System Principles
<a href="#">PS02CMCA25</a>	Practicals
<a href="#">PS03CMCA21</a>	Object Oriented Programming Using Java
<a href="#">PS03CMCA22</a>	The .NET Technology
<a href="#">PS03CMCA23</a>	Analysis and Design of Algorithms
<a href="#">PS03CMCA24</a>	System Software
<a href="#">PS03CMCA25</a>	Computer Networks-II
<a href="#">PS03CMCA26</a>	Practicals
<a href="#">PS04CMCA21</a>	The Linux Operating System
<a href="#">PS04CMCA22</a>	Compiler Design
<a href="#">PS04CMCA23</a>	Software Engineering
<a href="#">PS04CMCA24</a>	Web Application Development Technology
<a href="#">PS04CMCA25</a>	Practicals
<a href="#">PS04EMCA21</a>	Advanced Java Programming
<a href="#">PS04EMCA22</a>	Application Development for the Android Platform
<a href="#">PS05CMCA21</a>	Artificial Intelligence
<a href="#">PS05EMCA22</a>	Distributed Systems, Parallel Computing and Simulation
<a href="#">PS05CMCA23</a>	Business Information Systems
<a href="#">PS05CMCA24</a>	Computer Graphics
<a href="#">PS05CMCA25</a>	In house Project Work
<a href="#">PS05EMCA21</a>	Trends in Information and Communication Technology
<a href="#">PS05EMCA22</a>	Introduction to Data Science and Big Data
<a href="#">PS05EMCA23</a>	Web Application Frameworks
<a href="#">PS06CMCA21</a>	Project Work