

**ANNA UNIVERSITY**  
**MCA (DISTANCE MODE)**  
**REGULATION 2007**  
**CURRICULUM**

**SEMESTER – I**

<b>Code No.</b>	<b>Course Title</b>	<b>Marks</b>
<b>Theory</b>		
DMC1601	Computer Organization	100
DMC1602	Problem Solving and Programming	100
DMC1603	Business Processes	100
DMC1604	Data Structures	100
DMC1605	Accounting and Financial Management	100
<b>Practical</b>		
DMC1606	Programming and Data Structures Laboratory	100

**SEMESTER – II**

<b>Code No.</b>	<b>Course Title</b>	<b>Marks</b>
<b>Theory</b>		
DMC1651	Mathematical Foundations of Computer Science	100
DMC1652	Object Oriented Programming	100
DMC1653	Design and Analysis of Algorithms	100
DMC1654	Database Management Systems	100
DMC1655	Operating Systems	100
DBA1605	Communication Skills	100
<b>Practical</b>		
DMC1656	Object Oriented Programming Lab	100
DMC1657	DBMS Lab	100

**SEMESTER – III**

<b>Code No.</b>	<b>Course Title</b>	<b>Marks</b>
<b>Theory</b>		
DMC1701	Computer Networks	100
DMC1702	Microprocessors and its Applications	100
DMC1703	Software Engineering	100
DMC1704	Computer Graphics and Multimedia Systems	100

DMC1705	Internet Programming	100
E1	Elective I	100
<b>Practical</b>		
DMC1706	Network Programming Lab	100
DMC1707	Operating Systems Lab	100

#### SEMESTER – IV

Code No.	Course Title	Marks
<b>Theory</b>		
DMC1751	UNIX and Network Programming	100
DMC1752	Resource Management Techniques	100
DMC1753	Object Oriented Analysis and Design	100
DMC1754	Middle-Ware Technologies	100
DMC1755	Visual Programming	100
E2	Elective II	100
<b>Practical</b>		
DMC1756	Internet Programming Lab	100
DMC1757	Graphics and Multimedia Lab	100

#### SEMESTER – V

Code No.	Course Title	Marks
<b>Theory</b>		
DMC1801	XML and Web Services	100
DMC1802	Software Project Management	100
E3	Elective III	100
E4	Elective IV	100
E5	Elective V	100
E6	Elective VI	100
<b>Practical</b>		
DMC1803	Java Programming Lab	100
DMC1804	Software Development Lab	100

#### SEMESTER – VI

Code No.	Course Title	Marks
DMC1851	Project Work	400

**LIST OF ELECTIVES**  
**M.C.A. (MASTER OF COMPUTER APPLICATIONS)**

**General Electives**

<b>Sl.no</b>	<b>Code No</b>	<b>Course Title</b>	<b>M</b>
1	DMC 1621	Electronic Commerce	100
2	DMC 1622	Management Information Systems	100
3	DMC 1623	Web Graphics	100
4	DMC 1624	Human Resource Management	100
5	DMC 1625	Advanced Databases	100
6	DMC 1626	Software Quality Management	100
7	DMC 1627	TCP/IP Protocol Suite	100
8	DMC 1628	Data Warehousing and Data Mining	100
9	DMC 1629	Component Based Technologies	100
10	DMC 1630	Mobile Computing	100
11	DMC 1631	Enterprise Resource Planning	100
12	DMC 1632	Software Agents	100
13	DMC 1633	Supply Chain Management	100
14	DMC 1634	IT Infrastructure Management	100
15	DMC 1635	Information Security	100
16	DMC 1636	Information System Audit	100

**Banking Technology**

<b>Sl.no</b>	<b>Code No</b>	<b>Course Title</b>	<b>M</b>
17	DMC 1637	Banking Technology And Management	100
18	DMC 1638	Merchant Banking And Security Market	100
19	DMC 1639	Investment Banking	100
20	DMC 1640	International Banking	100

**Call Center Management**

<b>Sl.no</b>	<b>Code No</b>	<b>Course Title</b>	<b>M</b>
21	DMC 1641	Customer Relationship Management	100
22	DMC 1642	Business Process Outsourcing	100
23	DMC 1643	Call Center Technology	100
24	DMC 1644	Stress Management	100

### **E-Learning**

<b>Sl.no</b>	<b>Code No</b>	<b>Course Title</b>	<b>M</b>
25	DMC 1645	Introduction to E-Learning	100
26	DMC 1646	Instructional Design for E-Learning	100
27	DMC 1647	E-learning Technology	100

### **Trading and Equity Management**

<b>Sl.no</b>	<b>Code No</b>	<b>Course Title</b>	<b>M</b>
28	DMC 1648	Portfolio Management	100
29	DMC 1649	Risk Management	100
30	DMC 1650	Merchant Banking and Security Market	100

### **Health Care Management**

<b>Sl.no</b>	<b>Code No</b>	<b>Course Title</b>	<b>M</b>
31	DMC 1651	Health Care Information Systems	100
32	DMC 1652	HRM in Health Care Services	100
33	DMC 1653	Legal Aspects in Health Care	100