

**INSTITUTE OF DISTANCE EDUCATION**  
**UNIVERSITY OF MADRAS**  
**M.C.A. DEGREE COURSE**

As per the decision of the Syndicate at its meeting held on 11-10-2013, the candidates of M.C.A. Degree course admitted during the year 1998-2001 should have to appear for the arrear paper (s) by taking equivalent paper under the Regulation from the year 2006 from May - June 2014 examinations onwards. The equivalent subjects prescribed under the existing syllabus are noted against each of the old Regulation subjects:-

**For candidates admitted from 1998 to 2001**

Sl. No.	Subject	Sub. Code	Subject	Sub. Code
<b><u>FIRST SEMESTER</u></b>				
1.	Paper - I Introduction to Discrete Structures	RBA	Mathematical Foundation for Computer Science	PCAA
2.	Paper - II Digital Computer Fundamentals	RBB	Digital Computer Fundamentals	PCAG
3.	Paper - III Programming in COBOL	RBC	COBOL Programming	PCAS
4.	Paper - IV Financial Accounting & Analysis	RBD	Accounting and Financial Management	PCAF
5.	Paper - V FORTRAN and Numerical Methods	RBE	Non Equivalent	
<b><u>SECOND SEMESTER</u></b>				
6.	Paper - VI Computer Oriented Statistical Methods	RBG	Statistical Methods	PCAB
7.	Paper - VII Programming in PASCAL & C	RBH	Programming in C	PCAE
8.	Paper - VIII System Software	RBJ	Non Equivalent	
9.	Paper - IX Data Structures	RBK	Data Structure	PCAK
10.	Paper - X Microprocessor and its Applications	RBL	Microprocessors	PCAD

Contd.2.

<b><u>THIRD SEMESTER</u></b>				
11.	Paper - XI Database Management Systems	RBM	Database Management Systems	PCAX
12.	Paper - XII Computer Architecture	RBN	Computer Architecture	PCAN
13.	Paper - XIII Design and Analysis of Algorithms	RBP	Algorithm Analysis & Design	PCAL
14.	Paper - XIV Operational Research Techniques	RBR	Non Equivalent	
15.	Elective Paper - I Management Information Systems	RTA	Non Equivalent	
<b><u>FOURTH SEMESTER</u></b>				
16.	Paper - XV Software Engineering	RBS	Software Engineering	PCAJ
17.	Paper - XVI Operating Systems	RBT	Operating Systems	PCAO
18.	Paper - XVII Object Oriented Programming with C++	RTC	Object oriented Programming with C++	PCAH
19.	Paper - XVIII Computer Graphics	RBW	Computer Graphics	PCAR
20.	Elective Paper - II Principles of Compiler Design	RTB	Non Equivalent	
<b><u>FIFTH SEMESTER</u></b>				
21.	Paper - XIX Computer Networks	RBX	Data Communication and Networking	PCAM
22.	Paper - XX Organizational Dynamics	RBY	Organizational Dynamics	PCAV
23.	Elective Paper - III Managerial Economics	RBV	Non Equivalent	
24.	Elective Paper - IV Artificial Intelligence and Expert Systems	RTD	Non Equivalent	

**PRACTICAL PAPERS**

**First Year**

Sl. No.	Subject	Sub. Code	Subject	Sub. Code
1.	Fortran & Cobol	RB1	Cobol Programming	PCA4
2.	Pascal & C	RB2	C Programming	PCA1
3.	Micro Processor	RB3	Microprocessor Lab	PCA3

**Second Year**

4.	RDBMS	RB4	RDBMS Lab	PCA9
5.	Operating System & Computer graph	RB5	Operating System Lab	PCA6
6.	C++	RB6	Data structuring C++	PCA2

**Third Year**

7.	Term Paper & Seminar	RB7	Non-Equivalent	
8.	Application Lab Miniproject	RB8	Application Lab Mini Project	PCA8
9.	Project	RBQ	Project	PCAQ

