

FACULTY OF COMPUTER APPLICATIONS
A.M. PATEL INSTITUTE OF COMPUTER STUDIES
MASTER OF COMPUTER APPLICATIONS (M.C.A.)

Syllabus Details

Effective Year 2016-2017

Program	: M.C.A.	Semester	: V
Total Course	: 5	Total Regular Course	: 1
Total Elective Course	: 3	Total Open Course	: 1
Total Audit Course	: 0		

#	CourseCode	Course Title	Teaching Scheme				Examination Scheme				
			CREDIT			TOTAL HOURS	TH		PR		TOTAL
			TH	PR/TW	TOTAL		Internal	External	Internal	External	
1		ELECTIVE SUBJECT - 1 (Elective – VI_16)	3.00	2.00	5.00	7.00	0/40	0/60	0/20	0/30	150
2		ELECTIVE SUBJECT - 1 (Elective – VII_16)	3.00	2.00	5.00	7.00	0/40	0/60	0/20	0/30	150
3		ELECTIVE SUBJECT - 1 (ELECTIVE - VIII_16)	3.00	2.00	5.00	7.00	0/40	0/60	0/20	0/30	150
4	P15A4UML	OBJECT ORIENTED ANALYSIS AND DESIGN WITH UML	4.00	0.00	4.00	4.00	0/40	0/60	-	-	100
5		OPEN SUBJECT - 1	0.00	5.00	5.00	10.00	-	-	0/60	0/40	100
			13.00	11.00	24.00	35.00					650

List of open Subjects

Group Name	Course Code	Name of Course
OPEN	P15B5SDP1	SYSTEM DEVELOPMENT PROJECT-I

List of Elective Subjects

Group Name	Course Code	Name of Course
ELECTIVE – VI_16	P15A1ADMS	ADVANCE DATABASE MANAGEMENT SYSTEM
	P15A1DBA	DATABASE ADMINISTRATION
ELECTIVE – VII_16	P15A2AAD	ANDROID APPLICATION DEVELOPMENT
	P15A2IAD	I-PHONE APPLICATION DEVELOPMENT
ELECTIVE - VIII_16	P15A3OS2	OPERATING SYSTEM-II
	P15A3CG	COMPUTER GRAPHICS
	P15A3IP	IMAGE PROCESSING
	P15A3AI	ARTIFICIAL INTELLIGENCE
	P15A3NSQL	NOSQL WITH JAVASCRIPT

Examination Grade Range & Value

Marks/Perc. Range	Grade (Regular)	Grade Point (Regular)	Grade (Remedial)	Grade Point (Remedial)
90>=	A+	10	A	9
80 To 89	A	9	B+	8
70 To 79	B+	8	B	7
60 To 69	B	7	C+	6
50 To 59	C+	6	C	5
40 To 49	C	5	C	5
<40	F	0	F	0