KADI SARVA VISHWA VIDYALAYA, GANDHINAGAR
MCA SEMESTER-I SYLLABUS W.E.F. YEAR 2014-15

Sr. No.	Sub. Code	Name of the subject	SUB Total CREDIT	Teaching scheme (per week)		Examination scheme				Total Marks
				Th.	Pr.	MID Th.	CEC Th.	External Th.	External Pr.	
1	MCA-101	PROGRAMMING FOR LOGIC BUILDING	5	3	4	25	25	50	50	150
2	MCA-102	INTERNET AND WEB DESIGNING	4	3	2	25	25	50	25	125
3	MCA-103	DATABASE MANAGEMENT SYSTEM	4	3	2	25	25	50	50	150
4	MCA-104	FOUNDATION IN MATHEMATICS	3	3	--	25	25	50	0	100
5	MCA-105	COMPUTER SYSTEM ARCHITECTURE	4	3	2	25	25	50	25	125
6	MCA-106	COMMUNICATION SKILL	3	3	--	25	25	50	0	100
7	MCA-107	*Basic Presentation	1	4*	2	0	50	0	0	50
		TOTAL	24	22	12	150	200	300	150	800
	Note:	* Presentation Skill Development								

MCA SEMESTER-II SYLLABUS W.E.F. YEAR 2014-15

Sr. No.	Sub. Code	Name of the subject	SUB Total CREDIT	Teaching scheme (per week)		Examination scheme				Total Marks
				Th.	Pr.	MID Th.	CEC Th.	External Th.	External Pr.	
1	MCA-201	DATA STRUCTURES	5	3	4	25	25	50	50	150
2	MCA-202	OPERATING SYSTEM	4	3	2	25	25	50	50	150
3	MCA-203	OBJECT ORIENTED CONCEPT AND PROGRAMMING	5	3	4	25	25	50	50	150
4	MCA-204	COMPUTER ORIENTED NUMERICAL AND STATISTICAL METHODS	3	3	--	25	25	50	0	100
5	MCA-205	SYSTEM ANALYSIS & DESIGN AND SOFTWARE ENGINEERING	3	3	--	25	25	50	0	100
6	MCA-206	FOUNDATION IN NETWORKING	3	3	--	25	25	50	0	100
7	MCA-207	*Seminar: Computer Peripherals, Networking, Social Networking, Google Search, Search Engine Optimization etc…	1	4*	2	0	50	0	0	50
		TOTAL	24	22	12	150	200	300	150	800
	Note:	* Seminar Skill Development								

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		MCA SEMESTER-III SYLLABUS W.E.F. YEAR 2014-15									
Sr. No.	**Sub. Code**	**Name of the subject**	**SUB Total CREDIT**	**Teaching scheme (per week)**		**Examination scheme**					**Total Marks**
				Th.	**Pr.**	**MID Th.**	**CEC Th.**	**External Th.**	**Pr.**		
1	MCA-301	OBJECT ORIENTED TECHNOLOGY - I	5	3	4	25	25	50	50		150
2	MCA-302	WEB DEVELOPMENT TOOLS - I	5	3	4	25	25	50	50		150
3	MCA-303	ADVANCED DATABASE MANAGEMENT SYSTEM	5	3	4	25	25	50	50		150
4	MCA-304	ADVANCED NETWORKING	5	3	4	25	25	50	50		150
5	MCA-305	OPTIMIZATION TECHNIQUES	3	3	--	25	25	50	0		100
6	MCA-306	*MINI PROJECT – 1: Desktop Publishing, Film Making, HTML Website Designing, 3D animation, Small Project with business aspects (Retail, Import Export, HR, etc)	1	1*	2	0	100	0	0		100
		TOTAL	**24**	**16**	**18**	**125**	**225**	**250**	**200**		**800**
	Note:	* Project Counselling									

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		MCA SEMESTER-IV SYLLABUS W.E.F. YEAR 2014-15								
Sr. No.	**Sub. Code**	**Name of the subject**	**SUB Total CREDIT**	**Teaching scheme (per week)**		**Examination scheme**				**Total Marks**
				Th.	**Pr.**	**MID Th.**	**CEC Th.**	**External Th.**	**Pr.**	
1	MCA-401	Object Oriented Technology - II	4	3	2	25	25	50	50	150
2	MCA-402	Enterprise Resource Planning	3	3	0	25	25	50	0	100
3	MCA-403	Software Project Management	3	3	0	25	25	50	0	100
4 - 1	MCA - 404 (A)	A) Mobile Programming with Android	5	3	4	25	25	50	50	150
	MCA - 405 (A)	B) Open Source Technology in Web Development (LAMP)	5	3	4	25	25	50	50	150
	MCA - 406 (A)	C) Mobile Cross Platform Development Using PhoneGap	3	3	0	25	25	50	0	100
4 - 2	MCA - 404 (B)	A) Database Administration	5	3	4	25	25	50	50	150
	MCA - 405 (B)	B) Big Data & Data Analytics	5	3	4	25	25	50	50	150
	MCA - 406 (B)	C) Distributed Database	3	3	0	25	25	50	0	100
4 - 3	MCA - 404 (C)	A) Wireless Sensor's Networks	5	3	4	25	25	50	50	150
	MCA - 405 (C)	B) Network Security	5	3	4	25	25	50	50	150
	MCA - 406 (C)	C) Heterogeneous Network	3	3	0	25	25	50	0	100
5	MCA-407	Mini Project - II	1	0	2	0	50	0	0	50
		TOTAL	**24**	**18**	**12**	**150**	**200**	**300**	**150**	**800**

| Sr. No. | Sub. Code | Name of the subject | SUB Total CREDIT | Teaching scheme (per week) | | Examination scheme | | | | Total Marks |
				Th.	Pr.	MID Th.	CEC Th.	External Th.	External Pr.	
		KADI SARVA VISHWA VIDYALAYA, GANDHINAGAR								
		MCA SEMESTER-V SYLLABUS W.E.F. YEAR 2014-15								
1	MCA-501	Data Warehousing & Data Mining	5	3	4	25	25	50	50	150
2	MCA-502	Cyber Security & Forensic Science	5	3	4	25	25	50	50	150
3	MCA-503	Cloud Infrastructure & Services	5	3	2*	25	25	50	0	100
4	MCA-504 A	A) Object Oriented Technology - III	5	3	4	25	25	50	50	150
	MCA-504 B	B) Web Development Tools - II	5	3	4	25	25	50	50	150
	MCA-504 C	C) Programming using Open Source	5	3	4	25	25	50	50	150
	MCA-504 D	D) Next Generation Application Developmnet	5	3	4	25	25	50	50	150
5	MCA-505	Industrial Project - I	4	0	8	0	50#	0	200	200
		TOTAL	24	12	22	100	150	200	350	750

* Tutorial Based Practical   # Internal Project Evaluation

| Sr. No. | Sub. Code | Name of the subject | SUB Total CREDIT | Teaching scheme (per week) | | Examination scheme | | | | Total Marks |
				Th.	Pr.	MID Th.	CEC Th.	External Th.	External Pr.	
		KADI SARVA VISHWA VIDYALAYA, GANDHINAGAR								
		MCA SEMESTER-V SYLLABUS W.E.F. YEAR 2014-15								
1	MCA-601	Industrial Project - II	24	16 Week (48 Hrs at Industry Side per week)		0	300	0	500	800

Online LInk (To Download Individual Subject's Syllabus):
http://ldrp.ac.in/images/syllabus/MCA-Syllabus-2014.pdf