

Government College of Engineering, Karad

SCHEME OF INSTRUCTION & SYLLABI

Programme: Master of Computer Applications

Scheme of Instructions: Second Year MCA

Semester – III

Sr. No.	Course Category	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Course Credits	EXAM SCHEME				
									CT-1	CT-2	TA/CA	ESE	TOTAL
1	PCC	MC1301	Operating System	3	-	-	3	3	15	15	10	60	100
2	PCC	MC1302	Computer Networks	3	-	-	3	3	15	15	10	60	100
3	ESC	MC1303	Enterprise Resource Planning	3	1	-	4	4	15	15	10	60	100
4	ESC	MC1304	Advanced Database System	3	-	-	3	3	15	15	10	60	100
5	PCC	MC1305	Software Testing	3	-	-	3	3	15	15	10	60	100
6	PCC	MC1306	Computer Networks Lab	-	-	2	2	1	-	-	25	-	25
7	ESC	MC1307	Advanced Database System Lab	-	-	2	2	1	-	-	25	-	25
8	PCC	MC1308	Software Testing Lab	-	-	2	2	1	-	-	25	50	75
9	PCC	MC1309	Advanced Java Programming Lab	-	2	2	4	3	-	-	25	50	75
10	HSMC	MC1310	Professional Communication	-	2	2	4	3	-	-	50	-	50
Total				15	5	10	30	25	75	75	200	400	750

L- Lecture

T-Tutorial

P-Practical

CT1- Class Test 1

TA/CA- Teacher Assessment/Continuous Assessment

CT2- Class Test 2

ESE- End Semester Examination (For Laboratory End Semester performance)

Course Category	HSMC (Hum., Soc. Sc, Mgmt.)	BSC (Basic Sc.)	ESC (Engg. Sc.)	PCC (Programme Core Courses)	PEC (Programme Elective Courses)	OEC (Open Elective courses from other discipline)	MCC (Mandatory Courses)	Project / Seminar / Industrial Training
Credits	03	00	04	18	--	--	--	00
Cumulative Sum	12	00	13	48	--	--	--	02

PROGRESSIVE TOTAL CREDITS : 50+25 =75

Government College of Engineering, Karad

SCHEME OF INSTRUCTION & SYLLABI

Programme: Master of Computer Applications

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Semester – IV

Sr. No.	Course Category	Course Code	Course Title	L	T	P	Contact Hrs /Wk	Course Credits	EXAM SCHEME				
									CT-1	CT-2	TA/CA	ESE	TOTAL
1	ESC	MC1401	Information Security	3	-	-	3	3	15	15	10	60	100
2	PCC	MC1402	Data Mining	3	-	-	3	3	15	15	10	60	100
3	PEC	MC14*3	Elective-I	3	-	-	3	3	15	15	10	60	100
4	ESC	MC1404	E-Governance	3	1	-	4	4	15	15	10	60	100
5	PCC	MC1405	Computer Algorithm	3	-	-	3	3	15	15	10	60	100
6	PCC	MC1406	Data Mining Lab	-	-	2	2	1	-	-	25	25	50
7	PCC	MC1407	Web Technology Lab	-	2	2	4	3	-	-	25	25	50
8	PCC	MC1408	Cyber Security Lab	-	2	2	4	3	-	-	50	-	50
9	P/S	MC1409	Project Planning and Management Lab	-	-	4	4	2	-	-	50	50	100
Total				15	05	10	30	25	75	75	200	400	750

L- Lecture

T-Tutorial

P-Practical

CT1- Class Test 1

TA/CA- Teacher Assessment/Continuous Assessment

CT2- Class Test 2

ESE- End Semester Examination (For Laboratory End Semester performance)

Course Category	HSMC (Hum., Soc. Sc, Mgmt.)	BSC (Basic Sc.)	ESC (Engg. Sc.)	PCC (Programme Core courses)	PEC (Programme Elective courses)	OEC (Open Elective courses from other discipline)	MCC (Mandatory Courses)	Project / Seminar / Industrial Training
Credits	00	--	07	13	03	-	--	02
Cumulative Sum	12	--	20	61	03	-	--	04

PROGRESSIVE TOTAL CREDITS : 75+25 =100