

M.Sc. (CA&IT) – ODD SEMESTER SUBJECT LIST**SEMESTER – I**

COURSE NO.	COURSE TYPE	Course / Subject	CREDIT	Page No
KS_C_EC-111	ELECTIVE	FUNDAMENTALS OF MANAGEMENT	2	1
KS_C_FC-112	FOUNDATION	FINANCIAL ACCOUNTING AND MANAGEMENT	2	4
KS_C_CC-113	CORE	FUNDAMENTALS OF PROGRAMMING	3	6
KS_C_CC-114	CORE	FUNDAMENTALS OF COMPUTER ORGANIZATION	3	8
KS_C_CC-115	CORE	MATHEMATICAL CONCEPTS	3	10
KS_C_CC-116	CORE	COMMUNICATION SKILLS	3	13
KS_C_CC-117	CORE	DATABASE MANAGEMENT SYSTEMS CONCEPTS	3	15
KS_C_CC-118	CORE	IMPLEMENTATION OF C PROGRAMMING (PRACTICAL ON CC-113)	3	17
KS_C_CC-119	CORE	IMPLEMENTATION OF OFFICE APPLICATIONS(PRACTICAL)	3	19
TOTAL CREDITS			25	

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COURSE NO.	COURSE TYPE	Course / Subject	CREDITS	Page No
KS_C_EC-231	ELECTIVE	FUNDAMENTALS OF ECONOMICS	2	21
KS_C_FC-232	FOUNDATION	SOFT SKILL DEVELOPMENT	2	23
KS_C_CC-233	CORE	COMPUTER ORIENTED STATISTICAL METHODS	3	25
KS_C_CC-234	CORE	CONCEPTS OF OPERATING SYSTEM	3	27
KS_C_CC-235	CORE	OBJECT ORIENTED PROGRAMMING WITH C++	3	29
KS_C_CC-236	CORE	DATA STRUCTURES	3	32
KS_C_CC-237	CORE	DISCRETE MATHEMATICS	3	34
KS_C_CC-238	CORE	IMPLEMENTATION OF C++ (PRACTICAL ON CC-235)	3	37
KS_C_CC-239	CORE	IMPLEMENTATION OF DATA STRUCTURE (PRACTICAL ON CC-236)	3	39
TOTAL CREDITS			25	

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COURSE NO.	COURSE TYPE	Course / Subject	CREDIT	Page No
KS_C_SE-351	ELECTIVE	CYBER LAW AND INTELLECTUAL PROPERTY	3	41
KS_C_FC-352	FOUNDATION	TECHNICAL COMMUNICATION	2	43
KS_C_CC-353	CORE	SOFTWARE ENGINEERING	3	45
KS_C_CC-354	CORE	COMPUTER GRAPHICS	3	47
KS_C_CC-355	CORE	OBJECT ORIENTED PROGRAMMING WITH JAVA	3	49
KS_C_CC-356	CORE	IMPLEMENTATION OF COMPUTER GRAPHICS (PRACTICAL CC-354)	3	52
KS_C_CC-357	CORE	IMPLEMENTATION OBJECT ORIENTED PROGRAMMING WITH JAVA (PRACTICAL ON CC-355)	3	54
KS_C_CC-358	CORE	SOFTWARE PROJECT DEVELOPMENT-I	5	56
TOTAL CREDITS			25	

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COURSE NO.	COURSE TYPE	Course / Subject	CREDIT	Page No
KS_C_SE-471	ELECTIVE	ADVANCED DATABASE SYSTEMS	3	58
KS_C_FC-472	FOUNDATION	ENTERPREUNERSHIP SKILLS	2	60
KS_C_CC-473	CORE	OPERATIONS RESEARCH	3	62
KS_C_CC-474	CORE	ARTIFICIAL INTELLIGENCE	3	64
KS_C_CC-475	CORE	ADVANCED NETWORKING	3	66
KS_C_CC-476	CORE	SOFTWARE PROJECT MANAGEMENT & TESTING	3	69
KS_C_CC-477	CORE	ENTERPRISE RESOURCE PLANNING	3	71
KS_C_CC-478	CORE	PROJECT DEVELOPMENT ON KS_C_CC-474	5	72
		TOTAL CREDITS	25	

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COURSE NO.	COURSE TYPE	Course / Subject	CREDITS	Page No
KS_C_SE-591	ELECTIVE	IMAGE PROCESSING	3	74
KS_C_FC-592	FOUNDATION	NETWORK ADMINISTRATION	2	76
KS_C_CC-593	CORE	GEOGRAPHICAL INFORMATION SYSTEM	3	78
KS_C_CC-594	CORE	CLOUD COMPUTING	3	80
KS_C_CC-595	CORE	MOBILE APPLICATION DEVELOPMENT	3	82
KS_C_CC-596	CORE	DISTRIBUTED OPERATING SYSTEM	3	84
KS_C_CC-597	CORE	DATA COMPRESSION	3	86
KS_C_CC-598	CORE	PROJECT DEVELOPMENT ON KS_C_CC-595	5	88
		TOTAL CREDITS	25	