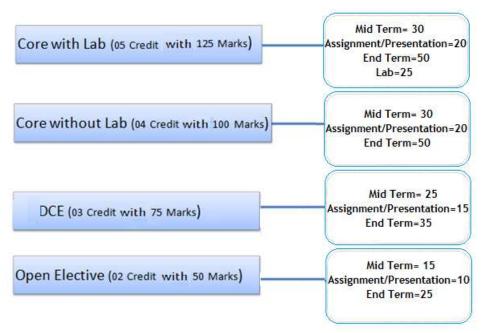
School of Engineering & Technology Islamic University of Science & Technology Kashmir, J&K – 192122



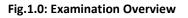
Examination Overview MCA & M.Sc. IT



School of Engineering & Technology Islamic University of Science & Technology Kashmir, J&K – 192122



MCA & MSC IT EXAMINATION



Continuous assessment (Internal) comprises of two components i.e. Midterm and Assignment/Presentation. Midterm component is Multiple Choice Question (MCQ) based examination conducted after the completion of minimum 40% of the syllabus in each course. The Assignment/presentation component is based on assignment, presentation, viva, and attendance distributed proportionately.

For the End Term examination, the question paper is arranged externally or the course instructor is asked to submit two sets of question papers confidentially in the department out of which one is being selected by the examination wing.

The marks breakup for each semester courses (active) has been given below. Note that the qualifying percentage for Mid-Term Exam and Assignment/presentation in aggregate is 50% and that for End Term is 40%.



School of Engineering & Technology Islamic University of Science & Technology Kashmir, J&K – 192122

Masters in Information Technology (M.Sc. IT)

MSc IT- 1st Semester

Course Code	Course Name	Course Category	Credit	Course Max Marks	Component Name	Max Marks	Component Category	
MIT_1T2_C	Database	Core	5	125	MID_TERM_I	30	INTERNAL	
	Management System				ASST_PRESEN	20		
	System				END_TERM_NEW	50	EXTERNAL	
					PRACTICAL	25	EXTERNAL	
MIT_1T3_C	Discrete	Core	4	100	MID_TERM_I	30	INTERNAL	
	Mathematics				ASST_PRESEN	20		
					END_TERM_NEW	50	EXTERNAL	
MIT_1E3_DCE	E-Commerce	Discipline	3	75	MID_TERM_I	25	INTERNAL	
		centric Elective				ASST_PRESEN	15	
					END_TERM_NEW	35	EXTERNAL	
MIT_1E1_DCE	Digital	Discipline	3	75	MID_TERM_I	25	INTERNAL	
	Electronics	centric			ASST_PRESEN	15		
		Elective			END_TERM_NEW	35	EXTERNAL	
MIT_1T1_C	Programming	Core	5	125	PRACTICAL	25	EXTERNAL	
	Concepts in C/C++				MID_TERM_I	30	INTERNAL	
	C/C/1				ASST_PRESEN	20		
					END_TERM_NEW	50	EXTERNAL	
MIT_1T4_C	Technical	Core	4	100	MID_TERM_I	30	INTERNAL	
	Communicatio				ASST_PRESEN	20		
	n				END_TERM_NEW	50	EXTERNAL	
MIT_1E4_DCE	Fundamentals	Discipline	3	75	MID_TERM_I	25	INTERNAL	
	of IT	centric			ASST_PRESEN	15		
		Elective			END_TERM_NEW	35	EXTERNAL	



School of Engineering & Technology Islamic University of Science & Technology Kashmir, J&K – 192122

Masters in Information Technology (M.Sc. IT)

MSc IT 2nd Semester

Course Code	Course Name	Course Category	Credit	Course Max Marks	Component Name	Max Marks	Component Category
					PRACTICAL	25	EXTERNAL
	Data	Core	5	125	MID_TERM_I	30	INTERNAL
MIT-2T1-C	Structures	Core	5	125	ASST_PRESEN	20	INTERNAL
					END_TERM_NEW	50	EXTERNAL
					MID_TERM_I	30	INTERNAL
MIT-2T2-C	Computer	Core	5	125	ASST_PRESEN	20	INTERNAL
IVII1-212-C	Graphics	Core	5	125	END_TERM_NEW	50	EXTERNAL
					PRACTICAL	25	EXTERNAL
					MID_TERM_I	30	
MIT-2T3-C	Software Engineering	Core	4	100	ASST_PRESEN	20	INTERNAL
	Lingineering				END_TERM_NEW	50	EXTERNAL
	Computer				MID_TERM_I	30	INTERNAL
MIT-2T4-C	Organization and	Core	4	100	ASST_PRESEN	20	INTERNAL
	Architecture				END_TERM_NEW	50	EXTERNAL
		Discipline		75	MID_TERM_I	25	INTERNAL
MIT-2E1-DCE	Operational Research	centric	3		ASST_PRESEN	15	
	Researen	Elective			END_TERM_NEW	35	EXTERNAL
	Open Source	Discipline			MID_TERM_I	25	INTERNAL
MIT-2E2-DCE	Data Analysis	centric	3	75	ASST_PRESEN	15	
	Technologies	Elective			END_TERM_NEW	35	EXTERNAL
		Discipline			MID_TERM_I	25	INTERNAL
MIT-2E3-DCE	Information Systems	centric	3	75	ASST_PRESEN	15	
	0,000	Elective			END_TERM_NEW	35	EXTERNAL
	Elements of	Discipline			MID_TERM_I	25	INTERNAL
MIT-2E4-DCE	Business	centric	3	75	ASST_PRESEN	15	
	Management	Elective			END_TERM_NEW	35	EXTERNAL



School of Engineering & Technology Islamic University of Science & Technology Kashmir, J&K – 192122

Masters in Information Technology (M.Sc. IT)

MSc IT 3rd Semester

Course Code	Course Name	Course Category	Credit	Course Max Marks	Component Name	Max Marks	Component Category
					Mid_Term	30	INTERNAL
MIT 2T1 C	Java	Core	_	125	Assgn_Attd	20	
MIT_3T1_C	Programming	Core	5		End_Term	50	EXTERNAL
					Practical_Exam	25	EXTERNAL
		Discipline			ASST_PRESEN	15	INTERNAL
MIT_3E3_DCE	Soft Computing	centric	3	75	MID_TERM_I	25	
		Elective			END_TERM_NEW	35	EXTERNAL
	Parallel and	Discipline			END_TERM_NEW	35	EXTERNAL
MIT_3E4_DCE	Distributed	centric	3	75	ASST_PRESEN	15	INTERNAL
	Computing	Elective			MID_TERM_I	25	
					MID_TERM_I	30	INTERNAL
	Design and	Core	5	125	ASST_PRESEN	20	
MIT_3T2_C	Analysis of Algorithm		5	125	PRACTICAL	25	EXTERNAL
					END_TERM_NEW	50	EXTERNAL
	Ducenceratives	Dissipling		75	MID_TERM_I	25	INTERNAL
MIT_3E1_DCE	Programming Languages and Paradigms	Discipline centric Elective	3		ASST_PRESEN	15	
	Faraugilis	Liective			END_TERM_NEW	35	EXTERNAL
		Discipline			MID_TERM_I	25	INTERNAL
MIT_3E3_DCE	Soft Computing	centric	3	75	ASST_PRESEN	15	
		Elective			END_TERM	35	EXTERNAL
	Data				MID_TERM_I	30	INTERNAL
MIT_3T3_C	Communication	Core	4	100	ASST_PRESEN	20	
	and Computer Networks				END_TERM_NEW	50	EXTERNAL



School of Engineering & Technology Islamic University of Science & Technology Kashmir, J&K – 192122

Masters in Information Technology (M.Sc. IT)

MSc IT 3rd Semester (Continued)

Course Code	Course Name	Course Category	Credit	Course Max Marks	Component Name	Max Marks	Component Category
	Operating				MID_TERM_I	30	INTERNAL
MIT_3T4_C	MIT_3T4_C Operating System	Core	4	100	ASST_PRESEN	20	
Jysteni				END_TERM_NEW	50	EXTERNAL	
) A Corollago	Discipline			ASST_PRESEN	15	INTERNAL
MIT_3E6_DCE	Wireless Communication	centric Elective	3	75	MID_TERM_I	25	
	communication				END_TERM	35	EXTERNAL
	Oracia Couraca	Discipline			MID_TERM_I	25	INTERNAL
MIT_3E2_DCE	Open Source Web Technology	centric	3	75	ASST_PRESEN	15	
	Web recimology	Elective			END_TERM_NEW	35	EXTERNAL
	N Aultine e die O	Discipline			MID_TERM_I	25	INTERNAL
MIT_3E5_DCE	MIT_3E5_DCE Multimedia & Image Authoring	centric	3	75	ASST_PRESEN	15	
		Elective			END_TERM_NEW	35	EXTERNAL

MSc IT Semester 4th

Course Code	Course Name	Course Category	Credit	Course Max Marks	Component Name	Max Marks	Component Category
	Decertab				MID_TERM_I	30	INTERNAL
MIT_4T1_C	Research Methodology	Core	4	100	ASST_PRESEN	20	
	Methodology				END_TERM	50	EXTERNAL
	Theory of				MID_TERM_I	30	INTERNAL
MIT_4T2_C	Computation &	Core	4	100	ASST_PRESEN	20	
	Formal Languages.				END_TERM	50	EXTERNAL
					INTERNAL	150	INTERNAL
MIT_4T3_C	Major Project Work	Core	10	250	LAB_ PRACTICAL_ VIVA_ THESIS	100	EXTERNAL



School of Engineering & Technology Islamic University of Science & Technology Kashmir, J&K – 192122

Masters in Information Technology (M.Sc. IT)

MSc IT 4th Semester (Continued)

Course Code	Course Name	Course Category	Credit	Course Max Marks	Component Name	Max Marks	Component Category
		Discipline			MID_TERM_I	25	INTERNAL
MIT_4E1_DCE	Bio Informatics	centric	3	75	ASST_PRESEN	15	
		Elective			END_TERM_NEW	35	EXTERNAL
		Discipline			MID_TERM_I	25	INTERNAL
MIT_4T1_C	Cloud and Grid Computing	centric	3	75	ASST_PRESEN	15	
	Computing	Elective			END_TERM_NEW	35	EXTERNAL
	Information	Discipline	2		END_TERM	35	EXTERNAL
MIT_4E3_DCE	Security and Networks	centric Elective	3	75	MID_TERM_I	25	INTERNAL
	Networks	Elective			ASST_PRESEN	15	
MIT_4E4_DCE	Pattern	Discipline centric	3	75	MID_TERM_I ASST_PRESEN	25 15	INTERNAL
	Recognition	Elective			END_TERM_NEW	35	EXTERNAL
		Discipline			ASST_PRESEN	15	INTERNAL
MIT_4E8_DCE	Dot Net	centric	3	75	 MID_TERM_I	25	
		Elective			END_TERM_NEW	35	EXTERNAL
		Discipline	ne		MID_TERM_I	30	INTERNAL
MIT_4E10_DCE	Advanced Java	centric	3	100	ASST_PRESEN	20	
		Elective			END_TERM	50	EXTERNAL
	Data	Discipline			MID_TERM_I	25	INTERNAL
MIT_4E5_DCE	Data Warehousing	centric	3	75	ASST_PRESEN	15	
	warenousing	Elective			END_TERM_NEW	35	EXTERNAL
	Organizational	Discipline			MID_TERM_I	25	INTERNAL
MIT_4E6_DCE	Organizational Behavior	centric	3	75	ASST_PRESEN	15	
	Benavior	Elective			END_TERM_NEW	35	EXTERNAL
		Discipline			MID_TERM_I	25	INTERNAL
MIT_4E7_DCE	Machine Learning	centric	3	75	ASST_PRESEN	15	
		Elective			END_TERM_NEW	35	EXTERNAL
		Discipline			MID_TERM_I	25	INTERNAL
MIT_4E9_DCE	Data Mining	centric	3	75	ASST_PRESEN	15	
		Elective			END_TERM_NEW	35	EXTERNAL



School of Engineering & Technology Islamic University of Science & Technology Kashmir, J&K – 192122

Masters in Computer Application (MCA)

MCA- 1st Semester

Course Code	Course Name	Course Category	Credit	Course Max Marks	Component Name	Max Marks	Component Category
	D				PRACTICAL	25	EXTERNAL
MCA_1T1_C	Programming Concepts in	Core	5	125	MID_TERM_I	30	INTERNAL
WICA_III_C	C/C++	COLE	J	125	ASST_PRESEN	20	
	0,011				END_TERM_NEW	50	EXTERNAL
					MID_TERM_I	30	INTERNAL
MCA 1T2 C	Technical	Core	5	125	ASST_PRESEN	20	
MCA_1T2_C	Communication	Core	5	125	END_TERM_NEW	50	EXTERNAL
					PRACTICAL	25	EXTERNAL
	Discrete			100	MID_TERM_I	30	INTERNAL
MCA_1T3_C	Mathematics	Core	4		ASST_PRESEN	20	
					END_TERM_NEW	50	EXTERNAL
			2	50	MID_TERM_I	15	INTERNAL
MCA-1B1-BC	Computer Fundamentals	Bridge Course			ASST_PRESEN	10	
	i unuamentais	Course			END_TERM_NEW	25	EXTERNAL
	D	0			MID_TERM_I	15	INTERNAL
DOCS_OE_02	Programming Concepts in C	Open Elective	2	50	ASST_PRESEN	10	
	concepts in c	LIECTIVE			END_TERM_NEW	25	EXTERNAL
		0			ASST_PRESEN	10	INTERNAL
DOCS_OE_03	Computer	Open Elective	2	50	MID_TERM_I	15	
	Networks	LIECTIVE			END_TERM_NEW	25	EXTERNAL
		0			ASST_PRESEN	10	INTERNAL
DOCS_OE_04	DOCS_OE_04 Information Management	Open Elective	2	50	MID_TERM_I	15	
	wanagement	LIECTIVE			END_TERM_NEW	25	EXTERNAL



School of Engineering & Technology Islamic University of Science & Technology Kashmir, J&K – 192122

Masters in Computer Application (MCA)

MCA- 1st Semester (Continued)

Course Code	Course Name	Course Category	Credit	Course Max Marks	Component Name	Max Marks	Component Category
	Computer				MID_TERM_I	30	INTERNAL
MCA_1T4_C	Organization	Core	4	100	ASST_PRESEN	20	
	and Architecture				END_TERM_NEW	50	EXTERNAL
		Discipline			MID_TERM_I	25	INTERNAL
MCA_1E4_DCE	E Commerce	centric	3	75	ASST_PRESEN	15	
		Elective			END_TERM_NEW	35	EXTERNAL
	Mah	Discipline			MID_TERM_I	25	INTERNAL
MCA_1E3_DCE	Web technologies	centric 3	3	75	ASST_PRESEN	15	
	technologies	Elective			END_TERM_NEW	35	EXTERNAL
	Management	Discipline			MID_TERM_I	25	INTERNAL
MCA_1E2_DCE	Information	centric	3	75	ASST_PRESEN	15	
	System	Elective			END_TERM_NEW	35	EXTERNAL
	Programming	Discipline			MID_TERM_I	25	INTERNAL
MCA_1E1_DCE	Languages &	centric	3	75	ASST_PRESEN	15	INTERNAL
	Paradigms	Elective			END_TERM_NEW	35	EXTERNAL



School of Engineering & Technology Islamic University of Science & Technology Kashmir, J&K – 192122

MCA- 2nd Semester

Course Code	Course Name	Course Category	Credit	Course M.Marks	Component Name	Max Marks	Component
Code	INAILIE	Category		IVI.IVIAI KS	MID_TERM_I	30	Category INTERNAL
	Data				ASST PRESEN	20	
MCA_2T1_C	Data Structures	Core	5	125	END TERM NEW	50	EXTERNAL
	Structures				Practical	25	EXTERNAL
	Database				MID_TERM_I	30 20	INTERNAL
MCA_2T2_C	Management	Core	5	125	ASST_PRESEN		
	System				END_TERM_NEW	50	EXTERNAL
					Practical	25	EXTERNAL
	Software			100	MID_TERM_I	30	INTERNAL
MCA_2T3_C	Engineering	Core	4	100	ASST_PRESEN	20	
					END_TERM	50	EXTERNAL
	Operating				MID_TERM_I	30	INTERNAL
MCA_2T4_C	System	Core	4	100	ASST_PRESEN	20	
	-				END_TERM_NEW	50	EXTERNAL
	Advanced	Discipline			MID_TERM_I	25	INTERNAL
MCA-2E1-DCE	Computer	centric	3	75	ASST_PRESEN	15	
	Organization & Architecture	Elective			END_TERM_NEW	35	EXTERNAL
	Orientian	Discipline			MID_TERM_I	25	INTERNAL
MCA-2E2-DCE	Operation Research	centric	3	75	ASST_PRESEN	15	
	Research	Elective			END_TERM_NEW	35	EXTERNAL
	Microprocessor	Discipline			MID_TERM_I	25	INTERNAL
MCA-2E3-DCE	and Assembly Language	centric	3	75	ASST_PRESEN	15	
	Programming	Elective			END_TERM_NEW	35	EXTERNAL
	Modelling and	Discipline			MID_TERM_I	25	INTERNAL
MCA-2E4-DCE	Simulation	centric	3	75	ASST_PRESEN	15	
	Simulation	Elective			END_TERM_NEW	35	EXTERNAL
	Computer	Discipline			MID_TERM_I	25	INTERNAL
MCA-2E5-DCE	Graphics	centric	3	75	ASST_PRESEN	15	
		Elective			END_TERM_NEW	35	EXTERNAL
	Numerical And	Discipline			MID_TERM_I	25	INTERNAL
MCA-2E6-DCE	Statistical	centric	3	75	ASST_PRESEN	15	
	Computing	Elective			END_TERM_NEW	35	EXTERNAL
	Java	Discipline			MID_TERM_I	25	INTERNAL
MCA-2E7-DCE	Programming	centric	3	75	ASST_PRESEN	15	
		Elective			END_TERM_NEW	35	EXTERNAL



School of Engineering & Technology Islamic University of Science & Technology Kashmir, J&K – 192122

Masters in Computer Application (MCA)

MCA 3rd Semester

Course	Course	Course	Credit	Course	Component	Max	Component
Code	Name	Category		M.Marks	Name	Marks	Category
MCA_3T1_C	Analysis and	Core	5	125	MID_TERM_I	30	INTERNAL
	Design of				ASST_PRESEN	20	
	Algorithms				END_TERM	50	EXTERNAL
					Practical	25	EXTERNAL
MCA_3T2_C	Object	Core	5	125	MID_TERM_I	30	INTERNAL
	Oriented				ASST_PRESEN	20	
	Analysis and				END_TERM	50	EXTERNAL
	Design				Practical	25	EXTERNAL
MCA_3T3_C	Data	Core	4	100	MID_TERM_I	30	INTERNAL
	communication				ASST_PRESEN	20	
	and Computer				END_TERM	50	EXTERNAL
	Networks						
MCA_3T4_C	Artificial	Core	4	100	MID_TERM_I	30	INTERNAL
	Intelligence				ASST_PRESEN	20	
					END_TERM_NEW	50	EXTERNAL
MCA-3E1-	Advanced	Discipline	3	75	MID_TERM_I	25	INTERNAL
DCE	Operating	centric			ASST_PRESEN	15	
	System	Elective			END_TERM_NEW	35	EXTERNAL
MCA-3E4-	Softcomputing	Discipline	3	75	MID_TERM_I	25	INTERNAL
DCE		centric			ASST_PRESEN	15	
		Elective			END_TERM_NEW	35	EXTERNAL
MCA-3E9-	Data	Discipline	3	75	MID_TERM_I	25	INTERNAL
DCE	Warehousing	centric			ASST_PRESEN	15	
		Elective			END_TERM_NEW	35	EXTERNAL
MCA-3E10-	Open Source	Discipline	3	75	MID_TERM_I	25	INTERNAL
DCE	technologies	centric			ASST_PRESEN	15	
		Elective			END_TERM_NEW	35	EXTERNAL



School of Engineering & Technology Islamic University of Science & Technology Kashmir, J&K – 192122

Masters in Computer Application (MCA)

MCA 4th Semester

Course Code	Course Name	Course Category	Credit	Course M.Marks	Component Name	Max Marks	Component Category
	Theory of Formal				MID_TERM_I	30	INTERNAL
MCA_4T1_C	Languages	Core	5	125	ASST_PRESEN	20	
	Lunguuges				END_TERM_NEW	50	EXTERNAL
					MID_TERM_I	30	
MCA_4T2_C	Big data Analysis	Core	5	125	ASST_PRESEN	20	INTERNAL
					END_TERM_NEW	50	EXTERNAL
				INTERNAL	150	INTERNAL	
MCA_4T3_C	Major Project Work	Core	10	250	LAB_ PRACTICAL_ VIVA_ THESIS	100	EXTERNAL
	14 <i>0</i> 1	Discipline			MID_TERM_I	25	
MCA-4E1- DCE	Wireless Communication	centric	3	75	ASST_PRESEN	15	INTERNAL
DCL	communication	Elective			END_TERM_NEW	35	EXTERNAL
MCA-4E2-	Cloud and Grid	Discipline	3	75	MID_TERM_I	25	INTERNAL
DCE	Computing	centric			ASST_PRESEN	15	
	comparing	Elective			END_TERM_NEW	35	EXTERNAL
	Information	Discipline			MID_TERM_I	25	INTERNAL
MCA-4E3- DCE	Security and	centric	3	75	ASST_PRESEN	15	
	Networks	Elective			END_TERM_NEW	35	EXTERNAL
MCA-4E6-	Machine	Discipline			MID_TERM_I	25	INTERNAL
DCE	Learning /Data	centric	3	75	ASST_PRESEN	15	
	Science	Elective			END_TERM_NEW	35	EXTERNAL
		Discipline			MID_TERM_I	25	INTERNAL
MCA-4E8- DCE	Advanced Java	centric	3	75	ASST_PRESEN	15	
DCL		Elective			END_TERM_NEW	35	EXTERNAL