

UNIVERSITY OF PUNE
Engineering Faculty

Equivalence for MCA (2005) Theory and Practical courses with MCA(2008) Theory and Practical courses

Original Course in MCA (2005) Course			Equivalent Course in MCA (2008) Course			Marks	Comments
MCA Year	Semester	Course no	Title of MCA 2005 course	Course no	Title of MCA 2008 course		
MCA-I	I	115001	Problem Solving & Programming in C	510901	Problem Solving & Programming in C		
MCA-I	I	115002	Discrete Mathematics	510902	Discrete Mathematics		
MCA-I	I	115003	Foundation of Information Technology	510903	Foundation of Information Technology		
MCA-I	I	115004	Probability and Statistics	510904	Probability and Statistics		
MCA-I	I	115005	Management Science	510905	Management Science		
MCA-I	I		Programming Laboratory	510906	Programming Laboratory	100	Term work + Pract
MCA-I	I		Information Technology Laboratory	510907	Information Technology Laboratory	100	Term work + Pract
MCA-I	I		Soft Skills	510908	Soft Skills	50	Internal Term Work
MCA-I	II	115009	Object-Oriented Programming	510909	Object-Oriented Programming		
MCA-I	II	115010	Data Structures and Files	510910	Data Structures and Files		
MCA-I	II	115011	Operations Research	510911	Operations Research		
MCA-I	II	115012	Microprocessor Applications	510912	Microprocessor Applications		
MCA-I	II	115013	Management Information Systems	510913	Management Information Systems		
MCA-I	II		Data Structures Laboratory	510914	Data Structures Laboratory	100	Term work + Pract
MCA-I	II		Object Oriented Programming Laboratory	510915	Object Oriented Programming Laboratory	100	Term work + Pract
MCA-I	II		Microprocessor Laboratory	510916	Microprocessor Laboratory	50	Internal Term Work
MCA-II	III	215001	Operating Systems	610901	Operating Systems		
MCA-II	III	215002	Database Management Systems	610902	Database Management Systems		
MCA-II	III	215003	Financial Accounting	610903	Financial Accounting		
MCA-II	III	215004	Data Communications and Computer Networks	610904	Computer Communications and Networks		
MCA-II	III	215005	Principles of Multimedia	611905	Principles of Multimedia		
MCA-II	III	215006	Computer Networks Laboratory (Oral - 50 marks)	610906	Software Laboratory I	100	Oral + Term work
MCA-II	III	215007	RDBMS and Visual Programming Laboratory (TW - 25, Pract - 50)	610907	Database Laboratory	100	Term work + Pract
MCA-II	III	215008	Operating Systems Laboratory (TW - 25, Pract - 50)	610908	Seminar I	50	Internal Presentation

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MCA-II	IV	215009	Software Engineering - I	610909	Software Engineering		
MCA-II	IV	215010	Web Technology	610910	Web Technology		
MCA-II	IV	215011	Object Oriented Modeling & Design	610911	Object Oriented Modeling & Design		
MCA-II	IV	215012	Organisational Behaviour	610913	Elective I - 1. Human Computer Interface 2. Organisational Behaviour		Regular subject getting replaced as an elective.
MCA-II	IV	215013	Java Programming	610912	Java Programming		
MCA-II	IV	215014	Web Programming Laboratory (100 marks - TW - 50, Pract - 50)	610914	Web Programming Laboratory	100	Oral + Term work
MCA-II	IV	215015	Software Laboratory	610915	Software Laboratory II	100	Term work + Pract
MCA-II	IV	215016	Software Development Tools Laboratory (50 + Term work)	610916	Mini Project**	50	Internal Assessment
MCA-III	V	315001	Principles and Practices of IT Management	710901	Principles and Practices of IT Project Management		
MCA-III	V	315002	Computer Graphics	710902	Computer Graphics		
MCA-III	V	315003	Advanced Databases	710903	Advanced Databases		
MCA-III	V	315004	Elective - I 1. Software Testing or 2. Artificial Intelligence	710904	Enterprise Resource Planning		
MCA-III	V	315005	Elective - II 1. Enterprise Resource Planning or 2. Human Computer Interface	710905	Elective - II 1. Software Testing or 2. Neural Network & Fuzzy Logic		
MCA-III	V	315006	Computer Laboratory (100 marks - TW - 50 and Pract 50)	710906	Computer Laboratory	150	Oral + Pract + Term work
MCA-III	V	315007	Seminar I (TW - 50)	710907	Advanced Database Laboratory	150	Oral + Pract + Term work
MCA-III	V1	315008	Seminar - II (TW - 50)	710908	Seminar - II	50	Internal Presentation
MCA-III	V1	315009	Project Work	710909	Project Work	350	Term work (200) + Oral (150)