

Equivalence for MCA 2005

	2005 Pattern papers	2008 Pattern (Equivalence) papers
Sr. No	SEM - I	
1	IT11 - Information Technology & Programming Methodologies	---
2	IT12 - C Programming	IT12 - C Programming
3	IT 13 - Computer Architecture	IT11 - Computer Organization
4	*BM11 – Cost and Financial Accounting	*BM12 – Cost and Financial Accounting
5	BM12 – Principles of Management Functions & OB	BM11 – Principles of Management Functions & OB
6	MT11 – Discrete Mathematics	MT11 – Discrete Mathematics
7	IT11L – Front end lab	IT11L – Visual basic lab
8	IT12L – C Programming lab	IT12L – C Programming lab
	SEM – II	
1	IT21 – Data structures and files using C	IT21 – Data structures using C
2	IT22 – Operating system concepts	IT13 – Operating system concepts (SEM-I)
3	IT 23 – Information systems: Analysis and design methodologies	IT23 – Software engineering
4	IT24 – Database management system	IT22 – Database management system
5	*BM21 – Strategic business process	*BM22 – Strategic business process
6	MT21 – Probability and combinatorics	MT21 – Probability and combinatorics
7	IT21L – Data structure and files lab	IT21L – Data structure lab
8	IT 22L – DBMS lab	IT 22L – DBMS lab
	SEM – III	
1	IT31 – Web support technologies	IT31 – Web support technologies
2	IT32 – Computer networks	IT32 – Data communication and network
3	BM31 – Management support systems	BM31 – Management support systems
4	IT33 – Object oriented programming using C++	IT33 – Object oriented programming using C++
5	*MT31 – Statistical and numerical methods	*MT31 – Research methodology and tools
6	IT34 – Object oriented analysis & design	IT43 - Object oriented analysis & design (SEM – IV)
7	IT31P – Mini project based on web support technologies	IT31P – Mini project based on web support technologies & ADBMS
8	IT31L – C++ lab	IT31L – C++ lab

2-07

	2005 Pattern papers	2008 Pattern (Equivalence) papers
Sr. No	SEM - IV	
1	IT41 - Java programming	IT41 - Java programming
2	*IT42 - Application development technology	*IT54 - Application development technology (SEM - V)
3	BM41 - Soft skills	BM21 - Soft skills (SEM- II)
4	IT43 - Software engineering	IT34 - Advanced DBMS (SEM-III) Not appropriate but one possible option
5	MT41 - Optimization techniques	MT41 - Optimization techniques
6	BME1 - Management Electives MIS framework Decision support system Information system audit Collaborative management Investment technology Foundations of decision process	MIS Framework & implementation Decision support system Information system audit Collaborative management ERP (Not appropriate but one possible option) Foundations of decision process
7	IT41L - Java programming lab	IT41L - Java programming lab
8	IT42L - Application development technology lab	IT52L - Application development technology lab (SEM - V)
	SEM - V	
1	IT51 - Software testing & quality assurance	IT42 - Software testing & quality assurance (SEM - IV)
2	IT52 - Advanced internet technology	IT55 - Advanced internet technology
3	IT53 - Emerging trends in information technology	IT53 - Emerging trends in information technology
4	BM51 - Software project management	IT52 - Software project management
5	*IT54P - Mini project	IT51L- Mini Project using AIT &HCI
6	ITE1 - IT elective Distributed databases Artificial intelligence Network security Mobile computing Visual C++ Human computer interface Parallel programming Advanced Unix Programming language paradigms	Distributed databases --- Cyber law and security Mobile computing --- IT51 - Human computer interface --- Advanced Unix Programming language paradigms
7	IT51L - Advanced internet technology lab	IT51L - Advanced internet technology lab
8	IT52L - CASE tools lab	IT42L - CASE tools lab (SEM -IV)

IT

Note: For elective subjects there need not be equivalence for each paper, student can choose from available alternatives.