

## MCA SEM – I

<b>Name of Paper</b>	<b>Combination Code</b>
<b>LEVEL – I</b>	
Computer Organization and Fundamentals of Operating Systems	1
<b>LEVEL – II</b>	
Database Management System	1
<b>LEVEL – III</b>	
Computer Programming and Programming Methodology	1
<b>LEVEL – IV</b>	
Enterprise Resource Planning and Financial Management	1
<b>LEVEL – V</b>	
Mathematical Foundation of Computer Science	1
<b>LEVEL – VI</b>	
Software Lab	1
<b>LEVEL – VII</b>	
Programming Skills – I	1

## MCA SEM – II

<b>Name of Paper</b>	<b>Combination Code</b>
<b>LEVEL – I</b>	
Object Oriented Programming Methodology	1
<b>LEVEL – II</b>	
Data Structures	1
<b>LEVEL – III</b>	
Relational Database Management System	1
<b>LEVEL – IV</b>	
Optimization Techniques	1
<b>LEVEL – V</b>	
Computer Networks	1
<b>LEVEL – VI</b>	
Programming Skills – II	1
<b>LEVEL – VII</b>	
Programming Skills – III	1
<b>LEVEL – VIII</b>	
Programming Skills – IV	1

### MCA SEM – III

<b>Name of Paper</b>	<b>Combination Code</b>
<b>LEVEL – I</b>	
Client Server Architecture	1
<b>LEVEL – II</b>	
Operating System	1
<b>LEVEL – III</b>	
Software Engineering	1
<b>LEVEL – IV</b>	
Programming in .NET	1
<b>LEVEL – V</b>	
Java Programming	1
<b>LEVEL – VI</b>	
Programming Skills – V	1
<b>LEVEL – VII</b>	
Programming Skills – VI	1
<b>LEVEL – VIII</b>	
Programming Skills – VII	1

### MCA – IV

<b>Name of Paper</b>	<b>Combination Code</b>
<b>LEVEL – I</b>	
Mobile Application Programming	1
<b>LEVEL – II</b>	
Information Systems	1
<b>LEVEL – III</b>	
Data Communication and Network Protocols	1
<b>LEVEL – IV</b>	
Interactive Computer Graphics	1
<b>LEVEL – V</b>	
Unix Internals and Shell Programming	1
<b>LEVEL – VI</b>	
Programming Skills – VIII	1
<b>LEVEL – VII</b>	
Programming Skills – IX	1
<b>LEVEL – VIII</b>	
Programming Skills – X	1
<b>LEVEL – IX</b>	
Project	1

### MCA SEM – V

<b>Name of Paper</b>	<b>Combination Code</b>
<b>LEVEL – I</b>	
Mobile Application Programming	1
<b>LEVEL – II</b>	
Information Systems	1
<b>LEVEL – III</b>	
Data Communication & Network Protocols	1
Cyber Security	2
<b>LEVEL – IV</b>	
Interactive Computer Graphics	1
Cryptography	2
<b>LEVEL – V</b>	
Unix Internals And Shell Programming	1
<b>LEVEL – VI</b>	
Programming Skills-VIII	1
<b>LEVEL – VII</b>	
Programming Skills-IX	1
<b>LEVEL – VIII</b>	
Programming Skills-X	1
<b>LEVEL – IX</b>	
Project	1

### MCA SEM –IV

<b>Name of Paper</b>	<b>Combination Code</b>
Seminar	1
Project	1