

M.S (Software Technology) --- New Syllabi from 2009

First Semester :

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| P 531.1 | Principles of Programming and Analysis of Algorithms |
| P 532.1 | Web based Operating Systems |
| P 533.1 | Object Oriented Programming with Java |
| P 534.1 | Data Structures & Program Design using C++ |
| P 535.1 | Object Oriented Software Engineering with UML |
| P 536.1 | Operating System & Analysis of Algorithms Lab |
| P 537.1 | Data Structures & Java Lab |
| P 538.1 | Unified Modeling Language Lab |

Second Semester :

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| P 531.2 | Database Management Systems Engineering |
| P 532.2 | Internet Concepts & Web Programming |
| P 533.2 | Enterprise Computing in Java |
| P 534.2 | SOA & Design patterns in Programming |
| P 535.2 | Computational Intelligence & Soft Computing |
| P 536.2 | DBMS & Web Programming Lab |
| P 537.2 | J2EE & Design Patterns Lab |
| P 538.2 | Soft Computing Lab |

Third Semester :

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| P 531.3 | Software Component Technology |
| P 532.3 | Software Testing & Project Management |
| P 533.3 | Web Technologies & .NET Framework |
| P 534.3 | Data Warehousing and Data Mining |
| P 535.3 | Elective |
| P 536.3 | Component Technology & Software Testing Lab |
| P 537.3 | Web Technologies -.NET and Data Mining Lab |
| P 538.3 | Lab on Elective |

Electives :

- E1 : Intelligent Information Agent Technology**
- E2 : Data Storage Technologies**
- E3 : Multimedia Computing and Graphics**
- E4 : Distributed Computing**

Fourth Semester :

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| P 531.4 | Project Work |
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**Foundations of IT – Add on Course before the commencement of M.S (ST)
(Theory: 40 Hrs + Practical: 20 hrs) in association with Campus Connect, Infosys Tech**