

## **ME (Software)**

### **Semester I**

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|---|---|
| 1 | Software Engineering Design Methodology |
| 2 | Software Architecture                   |
| 3 | Optimizing Compilers                    |

### **Elective –I**

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|---|---|
| 1 | Advanced Data Structures                    |
| 2 | High Level System Design and Modeling       |
| 3 | Client Server Based IT Solutions Sessionals |
| 4 | Software Design and Modeling Lab            |

### **Semester II**

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|---|---|
| 1 | Security Analysis of Software                 |
| 2 | Software Verification, Validation and Testing |
| 3 | Software Quality Management                   |

### **Elective -I**

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|---|--|
| 1 | Advanced Data Base Systems               |
| 2 | Distributed Operating Systems            |
| 3 | Embedded Software and Systems Sessionals |
| 4 | Software Testing Lab                     |

### **Semester III**

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|---|--------------------------------|
| 1 | Unified Software Configuration |
| 2 | Dissertation Part-I            |
| 3 | Seminar                        |

### **Elective-I**

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|---|----------------------|
| 1 | Software Reliability |
| 2 | E-Business           |
| 3 | Software Reuse       |

### **Semester IV**

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|---|----------------------|
| 1 | Dissertation Part-II |
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