

**M.Tech Curriculum**  
**Computer Science & Engineering**  
 From Academic Year 2018-19

**Semester - I**

| S.No         | Course No | Course Name                                 | L-T-P-C   |
|--------------|-----------|---|-----------|
| 1.           | CS5101    | Advanced Data Structures and Algorithms     | 3-0-0-3   |
| 2.           | CS5103    | Industrial Software Engineering             | 3-0-0-3   |
| 3.           | E1        | Elective 1                                  | 3-0-0-3   |
| 4.           | CS5110    | Seminar                                     | 1-0-0-1   |
| 5.           | CS5191    | Advanced Data Structures and Algorithms Lab | 0-0-3-2   |
| 6.           | MA5105    | Linear Algebra and Probability Theory       | 3-1-0-4   |
| <b>Total</b> |           |   | <b>16</b> |

**Semester – II**

| S.No         | Course No | Course Name                         | L-T-P-C   |
|--------------|-----------|-------------------------------------|-----------|
| 1.           | CS5202    | Computer System Architecture        | 3-0-0-3   |
| 2.           | CS5204    | Distributed Systems                 | 3-0-0-3   |
| 3.           | CS5206    | Algorithms for Machine Learning     | 3-0-0-3   |
| 4.           | E2        | Elective 2                          | 3-0-0-3   |
| 5.           | CS5292    | Computer System Architecture Lab    | 0-0-3-2   |
| 6.           | CS5294    | Algorithms for Machine Learning Lab | 0-0-3-2   |
| <b>Total</b> |           |                                     | <b>16</b> |

**Semester - III**

| S.No         | Course No | Course Name         | L-T-P-C   |
|--------------|-----------|---------------------|-----------|
| 1.           | CS6101    | Cloud Computing     | 3-0-0-3   |
| 2.           | CS6191    | Cloud Computing Lab | 0-0-3-2   |
| 3.           | CS6150    | Project Phase I     | - - - 10  |
| <b>Total</b> |           |                     | <b>15</b> |

**Semester - IV**

| S.No         | Course No | Course Name      | L-T-P-C   |
|--------------|-----------|------------------|-----------|
| 1.           | CS6250    | Project Phase II | - - - 15  |
| <b>Total</b> |           |                  | <b>15</b> |

**Total Credits - 62**

**Electives**

CS5021 Advanced Computer Networks  
 EE5022 Wireless Networks  
 EE5024 Machine Learning for Image Processing