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|  | **JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY** |  |
|  | **Tentative Scheme for the M.Sc. CS in DCA 2025** |  |
| **Sr. No.** | **Semester1 (Credits)** | **Semester II (Credits)** | **Semester III (Credits)** | **Semester IV (Credits)** |  |
| **1** | PCC-I (3) | PCC-V (3) | PCC-IX (3) | Master Thesis (17) |  |
| **2** | PCC-II (3) | PCC-VI (3) | PCC-X(3) |  |  |
| **3** | PCC-III(3) | PCC-VII(3) | PEC-III(3) |  |  |
| **4** | PCC-IV (3) | PCC-VIII(3) | PEC-IV(3) |  |  |
| **5** | PEC-I (3) | PEC-II (3) | PEC-V(3) |  |  |
| **6** |  | HSC-I(2) | SEC-I(1) |  |  |
| **7** | LAB-I (Based on Core) [2] | LAB-IV (Based on Core) [1] | LAB-VII (Based on Core) [1] |  |  |
| **8** | LAB-II (Based on Core) [1] | LAB-V (Based on Core) [1] | LAB-VIII (Based on Core) [1] |  |  |
| **9** | LAB-III (Based on Core) [1] | LAB-VI (Based on Core) [1] | LAB-IX (Based on Core) [1] |  |  |
| **Total Credit** | 20 | 21 | 22 | 17 |  |
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| **Sr. No.** | **Course Code & Definitions** | **Credit Distributions** |  |  |  |
| **1** | PCC: Professional Core Course | 43 |  |  |  |
| **2** | PEC: Professional Elective Course | 12 |  |  |  |
| **3** | SEC: Skill Enhancement Course | 2 |  |  |  |
| **4** | HSC: Humanities and Social Sciences Course | 2 |  |  |  |
| **5** | OE: Open Elective | 4 |  |  |  |
| **6** | Dissertation/ Major Project | 17 |  |  |  |
| **Total** |  | **80** |  |  |  |

**JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY
DEPARTMENT OF COMPUTER APPLICATIONS**

**M.SC. COMPUTER SCIENCE**

**Curriculum Structure M.Sc. Computer Science**