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

**M.Sc. AI/ML**

**Curriculum Structure M.Sc. Artificial Intelligence & Machine Learning**

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| **M.Sc. AI &ML**  |  |  |  |  |
| **Sr. No.** | **Semester1 (Credits)** | **Semester II (Credits)** | **Semester III (Credits)** | **Semester IV (Credits)** |
| **1** | PCC-I (3) | PCC-V (3) | PCC-VIII (3) | Capstone Project (15) |
| **2** | PCC-II (3) | PCC-VI (3) | PCC-IX(2) | Term paper(05) |
| **3** | PCC-III(4) | PCC-VII(3) | PCC-X(3) |  |
| **4** | PCC-IV (3) | PEC-II (3) | PEC-IV(3) |  |
| **5** | PEC-I (3) | PEC-III(3) | PEC-V(3) |  |
|  |  | SEC-I(2) | SEC-II(2) |  |
| **6** |  | HSC-I(2) |  |  |
| **7** | LAB-I (Based on Core PCC-I) (1)PCC-XI | LAB-IV (Based on Core PCC-V) (1) PCC-XIV | LAB-VI (Based on Core PCC-VIII) [1] PCC-XVI |  |
| **8** | LAB-II (Based on Core PCC-II) (2) PCC-XII | LAB-V (Based on Core PCC-VI) (1) PCC-XV | LAB-VII (Based on Core PCC-IX) [1] PCC-XVII |  |
| **9** | LAB-III (Based on Core-III) (1) PCC-XIII |  | LAB-VIII (Based on Core PCC-X) [1] PCC-XVIII |  |
| **Total Credit** | 20 | 21 | 19 | 20 |
|  |  |  |  |  |
| **Sr. No.** | **Course Code & Definitions** | **Credit Distributions** |  |  |
| **1** | PCC: Professional Core Course | 39 |  |  |
| **2** | PEC: Professional Elective Course | 15 |  |  |
| **3** | SEC: Skill Enhancement Core Course | 4 |  |  |
| **4** | HSC: Humanities and Social Sciences Core Course | 2 |  |  |
| **5** | OE: Open Elective | 0 |  |  |
| **6** | Dissertation/ Major Project | 20 |  |  |
| **Total Credit** |  | **80** |  |  |