**R22 -II YEAR**

**B.Tech in CSE (AI & ML)**

**II Year I Semester**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **S.No** |  | **Category** | **CourseTitle** | **L** | **T** | **P** | **C** |
| 1 | A223009 | BS-5 | Probability and Statistics | 3 | 1 | 0 | 4 |
| 2 | A223504 | PC-3 | Data Structures | 3 | 0 | 0 | 3 |
| 3 | A223505 | ES-5 | Computer System Architecture | 3 | 0 | 0 | 3 |
| 4 | A223508 | PC-4 | Software Engineering | 3 | 0 | 0 | 3 |
| 5 | A223509 | PC-5 | Operating Systems | 3 | 0 | 0 | 3 |
| 6 | A223584 | PC LAB-3 | Data Structures Lab | 0 | 0 | 2 | 1 |
| 7 | A223587 | PC LAB-4 | Operating Systems Lab | 0 | 0 | 2 | 1 |
| 8 | A223590 | PC LAB-5 | Skill Development Course(Django) | 0 | 0 | 2 | 1 |
| 9 | A223013 | VAL-1 | Quantitative Methods and Logical Reasoning | 2 | 0 | 0 | 1 |
| **Total** | | | | **17** | **1** | **6** | **20** |

**II Year II Semester**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **S.No** |  | **Category** | **CourseTitle** | **L** | **T** | **P** | **C** |
| 1 | A224520 | PC-6 | Discrete Mathematics | 3 | 0 | 0 | 3 |
| 2 | A224521 | PC-7 | Automata Theory and Compiler Design | 3 | 0 | 0 | 3 |
| 3 | A224523 | PC-8 | Database Management Systems | 3 | 0 | 0 | 3 |
| 4 | A224515 | PC-9 | Introduction to Artificial Intelligence | 2 | 0 | 0 | 2 |
| 5 | A224513 | PC-10 | Object Oriented Programming through Java | 3 | 0 | 0 | 3 |
| 6 | A224596 | PC LAB-6 | Database Management Systems Lab | 0 | 0 | 2 | 1 |
| 7 | A224592 | PC LAB-7 | Object Oriented Programming through Java Lab | 0 | 0 | 2 | 1 |
| 8 | A2245P1 | PW-1 | Real-time Research Project | 0 | 0 | 4 | 2 |
| 9 | A224599 | PC LAB-8 | Skill Development Course (Prolog) | 0 | 0 | 2 | 1 |
| 10 | A224014 | H&S-2 | Professional Communication | 0 | 0 | 2 | 1 |
| **Total** | | | | **14** | **0** | **12** | **20** |