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| **Sr. No.** | **Course Code** | **Course Title** | **Cr. Hrs.** |
|  | IT4076 | Advanced Networks | 3 |
|  | IT4163 | Advanced Web Technologies | 3 |
|  | CS4131 | Big Data Programming | 3 |
|  | IT4021 | Bioinformatics | 3 |
|  | IT4146 | Blockchain Technology and Application | 3 |
|  | CS4173 | Cloud Computing | 3 |
|  | IT4222 | Cognitive Radio Communication and Networks | 3 |
|  | CS4023 | Competitive Programming | 3 |
|  | SE4116 | Component Based Software Engineering | 3 |
|  | CS4211 | Computer Animations | 3 |
|  | CS4012 | Computer Graphics | 3 |
|  | CS4013 | Computer Vision | 3 |
|  | CS4123 | Cyber Forensics | 3 |
|  | IT4073 | Data Communications | 3 |
|  | SE4132 | Data Mining | 3 |
|  | CS4134 | Data Science & Big Data Analytics | 3 |
|  | CS4135 | Data Science Technologies | 3 |
|  | IT4143 | Data Warehousing | 3 |
|  | IT4144 | Database Administration | 3 |
|  | CS4152 | Deep Learning and Neural Networks | 3 |
|  | SE4115 | Design Pattern and Refactoring | 3 |
|  | CS4014 | Digital Image Processing | 3 |
|  | CS4145 | Distributed Database Systems | 3 |
|  | IT4174 | Distributed Systems | 3 |
|  | CS4033 | Embedded Systems | 3 |
|  | SE4164 | Enterprise Application Development | 3 |
|  | IT4232 | Enterprise Architecture | 3 |
|  | CS4153 | Expert Systems and Knowledge Management | 3 |
|  | IT4221 | Free Space Optics | 3 |
|  | SE4165 | Games Design and Development | 3 |
|  | CS4133 | Information Retrieval | 3 |
|  | IT4015 | Information Systems | 3 |
|  | CS4176 | Internet of Things | 3 |
|  | SE4166 | Iphone Applications Development | 3 |
|  | CS4154 | Machine Learning | 3 |
|  | SE4167 | Mobile Application Development | 3 |
|  | CS4155 | Multi-Agent Systems | 3 |
|  | CS4124 | Multimedia Security | 3 |
|  | CS4156 | Natural Language Processing | 3 |
|  | IT4074 | Network Flows | 3 |
|  | IT4223 | Next Generation Networks | 3 |
|  | CS4175 | Pervasive Smart Environments | 3 |
|  | SE4125 | Secure Software Development | 3 |
|  | IT4233 | System Integration and Architecture | 3 |
|  | IT3163 | Web Technologies | 3 |