**Computer Applications**

**TRIMESTER WISE DISTRIBUTION OF COURSES**

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| **Course Code** | **Course Name** | **Credit-L** | **Credit-P** |
| **I-TRIMESTER** |
| **CA502-2018** | **INTRODUCTION TO COMPUTER APPLICATION** | **1** | **1** |
| **CA551-2018** | **MATHEMATICAL FOUNDATIONS IN COMPUTER APPLICATION**  | **4** | **0** |
| **CA552-2018** | **COMPUTER ORIENTED NUMERICAL METHODS** | **2** | **1** |
| **CA560-2018** | **COMPUTER ORGANIZATION AND ARCHITECTURE** | **3** | **0** |
| **CA561-2018** | **PRINCIPLES OF COMPUTER PROGRAMMING** | **2** | **1** |
| **CA565-2018** | **COMPILER CONSTRUCTION**  | **2** | **1** |
| **CA569-2018** | **WEB TECHNOLOGIES AND APPLICATIONS**  | **2** | **1** |
| **CA570-2018** | **COMPUTER GRAPHICS**  | **2** | **1** |
| **CA575-2018** | **ARTIFICIAL INTELLIGENCE** | **2** | **1** |
| **CA579-2018** | **Graph Theory and Applications** | **2** | **0** |
| **CA611-2018** | **DESIGN AND ANALYSIS OF ALGORITHMS**  | **2** | **1** |
| **CA621-2018** | **ADVANCES IN DATA MINING**  | **2** | **1** |
| **CA691-2018** | **SEMINAR** | **1** | **0** |
| **II-TRIMESTER** |
| **CA501-2018** | **COMPUTER FUNDAMENTALS AND PROGRAMMING** | **3** | **1** |
| **CA562-2018** | **OBJECT ORIENTED ANALYSIS AND DESIGN** | **2** | **1** |
| **CA564-2018** | **DATA STRUCTURES AND ALGORITHMS**  | **2** | **1** |
| **CA566-2018** | **DATA BASE MANAGEMENT SYSTEM** | **2** | **2** |
| **CA568-2018** | **SOFTWARE ENGINEERING**  | **2** | **0** |
| **CA572-2018** | **GIS AND REMOTE SENSING TECHNIQUES**  | **2** | **1** |
| **CA573-2018** | **DATA WAREHOUSING**  | **2** | **1** |
| **CA574-2018** | **MULTIMEDIA AND APPLICATIONS** | **1** | **1** |
| **CA577-2018** | **DATA MINING AND SOFT COMPUTING**  | **2** | **1** |
| **CA578-2018** | **INFORMATION SECURITY**  | **2** | **1** |
| **CA580-2018** | **Mobile Application Development** | **1** | **1** |
| **CA612-2018** | **FUZZY SETS AND ROUGH SETS**  | **2** | **1** |
| **CA617-2018** | **Natural Language Processing** | **1** | **1** |
| **CA691-2018** | **SEMINAR** | **1** | **0** |
| **III-TRIMESTER** |
| **CA503-2018** | **STATISTICAL COMPUTING IN AGRICULTURE**  | **1** | **2** |
| **CA563-2018** | **OPERATING SYSTEM**  | **2** | **1** |
| **CA567-2018** | **COMPUTER NETWORKS**  | **2** | **1** |
| **CA571-2018** | **MODELING AND SIMULATION**  | **2** | **1** |
| **CA576-2018** | **Theory of Computation** | **2** | **0** |
| **CA613-2018** | **ARTIFICIAL NEURAL NETWORKS** | **2** | **1** |
| **CA614-2018** | **KNOWLEDGEBASE SYSTEMS FOR SEMANTIC WEB**  | **2** | **1** |
| **CA615-2018** | **DIGITAL IMAGE PROCESSING** | **2** | **1** |
| **CA616-2018** | **BIG DATA ANALYSIS** | **2** | **1** |
| **CA622-2018** | **ADVANCES IN DATA WAREHOUSING**  | **2** | **1** |
| **CA691-2018** | **SEMINAR** | **1** | **0** |