**Agricultural Physics**

**TRIMESTER WISE DISTRIBUTION OF COURSES**

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| --- | --- | --- | --- |
| **Course Code** | **Course Name** | **Credit-L** | **Credit-P** |
| **I-TRIMESTER** |
| **AP500-2018** | **BASIC CONCEPTS OF PHYSICS - I** | **4** | **1** |
| **AP503-2018** | **FUNDAMENTALS OF SOIL PHYSICS** | **3** | **1** |
| **AP504-2018** | **MATHEMATICS IN AGRICULTURE** | **3** | **0** |
| **AP530-2018** | **FUNDAMENTALS OF METEOROLOGY** | **2** | **1** |
| **AP613-2018** | **Advance Soil Physics** | **3** | **1** |
| **AP632-2018** | **SATELLITE AGRO-METEOROLOGY** | **2** | **1** |
| **AP645-2018** | **Digital Image Processing (1+1)** | **1** | **1** |
| **AP691-2018** | **SEMINAR** | **1** | **0** |
| **II-TRIMESTER** |
| **AP501-2018** | **BASIC CONCEPTS OF PHYSICS - II** | **3** | **1** |
| **AP505-2018** | **SOIL GENESIS CLASSIFICATION AND SURVEY** | **2** | **2** |
| **AP520-2018** | **PRINCIPLES OF BIOPHYSICS** | **3** | **1** |
| **AP540-2018** | **PRINCIPLES OF REMOTE SENSING** | **3** | **1** |
| **AP550-2018** | **General Climatology** | **2** | **1** |
| **AP600-2018** | **Applied Soil Physics** | **2** | **1** |
| **AP610-2018** | **PHYSICS OF SOIL AND WATER EROSION AND THEIR CONTROL** | **2** | **1** |
| **AP630-2018** | **Crop Micrometeorology and Evapotranspiration** | **2** | **1** |
| **AP691-2018** | **SEMINAR** | **1** | **0** |
| **III-TRIMESTER** |
| **AP502-2018** | **SOIL FERTILITY AND NUTRIENT MANAGEMENT** | **3** | **1** |
| **AP508-2018** | **INTRODUCTION TO NANOTECHNOLOGY** | **2** | **0** |
| **AP511-2018** | **CROP ECOLOGY AND AGRO-METEOROLOGY** | **3** | **1** |
| **AP541-2018** | **GIS AND GPS – PRINCIPLES AND APPLICATIONS** | **2** | **1** |
| **AP609-2018** | **SIMULATION of Ecological Processes (2L+1P)** | **2** | **1** |
| **AP611-2018** | **SOIL PHYSICAL ENVIRONMENT AND PLANT GROWTH** | **3** | **1** |
| **AP633-2018** | **Agricultural Meteorology** | **2** | **1** |
| **AP635-2018** | **Weather Hazards and its Management** | **2** | **0** |
| **AP640-2018** | **REMOTE SENSING IN AGRICULTURE** | **2** | **1** |
| **AP691-2018** | **SEMINAR** | **1** | **0** |