

Agricultural Physics

TRIMESTER WISE DISTRIBUTION OF COURSES

| 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 |

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| 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 |