

New Annexure-I

Department wise revised courses in Polytechnic in Horticulture- 2017

| Course No. | Course Title | Credit |
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| Fruit Science (FRT) | | |
| FRT 1.1 | Fundamentals of Horticulture | 3 (2+1) |
| FRT 1.2 | Plant Propagation and Nursery Management | 2 (1+1) |
| FRT 2.3 | Growth and Development of Horticultural Crops | 2 (1+1) |
| FRT 3.4 | Tropical and Subtropical Fruits | 3 (2+1) |
| FRT 4.5 | Plantation Crops, Spices and Condiments | 2 (1+1) |
| FRT 4.6 | Watershed Management and Dry Land Horticulture | 2 (1+1) |
| Total | | 14 (8 +6) |
| Vegetable Science (VEG) | | |
| VEG 1.1 | Fundamentals of Vegetable production | 3 (2+1) |
| VEG 2.2 | Tropical and Subtropical Vegetables | 3 (2+1) |
| VEG 3.3 | Cool Season Vegetable Crops | 2 (1+1) |
| VEG 5.4 | Vegetable Seed Production and Certification | 2 (1+1) |
| Total | | 10 (6+4) |
| Floriculture & Landscape Architecture (FLA) | | |
| FLA 1.1 | Introductory Floriculture | 2 (1+1) |
| FLA 2.2 | Ornamental Horticulture | 2 (1+1) |
| FLA 3.3 | Cultivation of Commercial Flowers | 2 (1+1) |
| FLA 4.4 | Medicinal and Aromatic Plants | 2 (1+1) |
| FLA 5.5 | Protected Cultivation of Horticultural Crops | 3 (2+1) |
| Total | | 11 (6+5) |
| Post-Harvest Technology (PHT) | | |
| PHT 2.1 | Fundamentals of Post-harvest Technology of Horticultural Crops | 2 (1+1) |
| PHT 4.2 | Fundamentals of Food and Nutrition | 2 (1+1) |
| PHT 5.3 | Preservation and Value Addition of Horticultural Crops | 3 (2+1) |
| Total | | 7 (4+3) |
| Natural Resource Management (NRM) | | |
| NRM 1.1 | Introductory Agronomy | 2 (1+1) |
| NRM 2.2 | Fundamentals of Soil Science | 3 (2+1) |
| NRM 2.3 | Manures and Fertilizers | 2 (1+1) |
| NRM 3.4 | Water Management in Horticultural Crops | 2 (1+1) |
| NRM 4.5 | Soil Fertility and Nutrient Management | 2 (1+1) |
| NRM 4.6 | Agro-meteorology and Climate Change | 2 (1+1) |
| NRM 5.7 | Farm Power and Machinery, Soil Survey and Conservation | 2 (1+1) |

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| | | Total | 15 (8+7) |
| Plant Protection (PPT) | | | |
| PPT 1.1 | Introductory Entomology | | 2 (1+1) |
| PPT 2.2 | Fundamentals of Plant Pathology | | 2 (1+1) |
| PPT 4.3 | Pest and Disease Management of Horticultural Crops | | 2 (1+1) |
| | | Total | 6 (3+3) |
| Basic Science (BSC) | | | |
| BSC 1.1 | Introductory Botany | | 2 (1+1) |
| BSC 3.2 | Introductory Microbiology | | 2 (1+1) |
| BSC 3.3 | Principles of Plant Breeding | | 2 (1+1) |
| BSC 4.4 | Principles of Genetics and Cytogenetics | | 3 (2+1) |
| BSC 4.5 | Introductory Crop Physiology | | 2 (1+1) |
| BSC 5.6 | Environmental Science | | 2 (1+1) |
| BSC 5.7 | Elementary Plant Biochemistry | | 2 (1+1) |
| | | Total | 15 (8+7) |
| Social Sciences (SSC) | | | |
| SSC 1.1 | Communication Skills and Personality Development | | 2 (1+1) |
| SSC 2.2 | Information and Communication Technology | | 2 (1+1) |
| SSC 3.3 | Introductory Extension Education | | 2 (1+1) |
| SSC 3.4 | Social and Farm Forestry | | 2 (1+1) |
| SSC 5.5 | Elementary Statistics and Computer Application | | 3 (2+1) |
| SSC 5.6 | Economics and Marketing | | 2 (1+1) |
| | | Total | 13 (7+6) |
| Horticulture Work Experience (HWE) | | | 20 (0+20) |
| | | Grand Total (Theory + Practical) | 111 (50+61) |
| | | NSS | (0+4)(NC)* |

* NSS (0+1) credit is to be taken up to 4th semester