

ANNEXURE-1

YEAR & SEMESTERWISE DISTRIBUTION OF COURSES (REVISED 2015-16)

| Department/ Course No. | Title of the Course | Credits | | Page No. |
|---------------------------|--|--------------------|----|-------------|
| | | T | P | |
| I Semester | Ist Year | | | |
| Agron. 1.1 | Introductory Agriculture and Principles of Agronomy | 2 | 1 | |
| Agron. 1.2 | Field Crops -I (<i>Kharif</i>) | 2 | 1 | |
| Ag. Chem. 1.1 | Introduction to Soil Science | 2 | 1 | |
| Ag. Ento. 1.1 | Fundamentals of Entomology | 1 | 1 | |
| PBG 1.1 | Economic Botany | 1 | 1 | |
| Hort. 1.1 | Principles of Horticulture | 1 | 1 | |
| Ag. Eco. 1.1 | Principles of Agricultural Economics | 2 | 0 | |
| Eng. 1.1 | Comprehension and Communication Skills in English | 1 | 1 | |
| P. E. 1.1 | NSS/NCC/Physical Education (Non credit course) | 0 | 1* | |
| | TOTAL | 20(12+7+1*) | | |
| II Semester | Ist Year | | | |
| Agron. 2.3 | Field Crops-II (<i>Rabi</i>) | 2 | 1 | |
| Ag. Ento. 2.2 | Principles of Insect Control | 1 | 1 | |
| Hort. 2.2 | Production Technology of Fruit Crops | 2 | 1 | |
| Maths. 2.1 | Bio Mathematics | 2 | 0 | |
| Pl. Path. 2.1 | Introductory Plant Pathology | 1 | 1 | |
| Ag. Engg. 2.1 | Fundamentals of Agricultural Engineering | 2 | 1 | |
| LPM. 2.1 | Principles of Live stock & Poultry Production | 1 | 1 | |
| Ag. Extn. 2.1 | Fundamentals of Extension Education and Communication | 2 | 1 | |
| P. E. 2.2 | NSS/NCC/Physical Education (Non credit course) | 0 | 1* | |
| | TOTAL | 21(13+7+1*) | | |
| III Semester | IInd Year | | | |
| Agron. 3.4 | Practical Crop Production (<i>Kharif</i> Crops) | 0 | 1 | |
| Agron. 3.5 | Farming Systems and Farm Management | 1 | 1 | |
| Ag. Chem. 3.2 | Soil Chemistry, Soil Fertility and Nutrient Management | 2 | 1 | |
| Ag. Ento. 3.3 | Pests of Field Crops & Stored Grain and their Management | 2 | 1 | |
| Pl. Phy. 3.1 | Crop Physiology | 2 | 1 | |
| Hort. 3.3 | Production Technology of Vegetable Crops | 2 | 1 | |
| Pl. Path. 3.2 | Diseases of Field Crops and their Management | 2 | 1 | |
| LPM 3.2 | Dairy Cattle and Buffalo Production & Management | 2 | 1 | |
| P. E. 3.3 | NSS/NCC/Physical Education (Non credit course) | 0 | 1* | |
| | TOTAL | 22(13+8+1*) | | |

| Course No | Title of the Course | Credits | | |
|--|--|--------------------|----------|------------|
| | | T | P | |
| IV Semester | IInd Year | T | P | |
| Agron. 4.5 | Weed Management | 1 | 1 | |
| Agron. 4.7 | Practical Crop Production (<i>Rabi</i> Crops) | 0 | 1 | |
| Ag. Chem. 4.3 | Plant Nutrition, Manures and Fertilizers | 2 | 1 | |
| Ag. Ento. 4.4 | Pests of Horticultural Crops and their Management | 2 | 1 | |
| PBG 4.2 | Principles of Genetics | 2 | 1 | |
| Ag. Stat. 4.1 | Introduction to Computer Application | 1 | 1 | |
| Pl. Path. 4.3 | Diseases of Fruit and Vegetable Crops and their Management | 2 | 1 | |
| Ag. Engg. 4.2 | Post Harvest Technology | 1 | 0 | |
| P. E. 4.4 | NSS/NCC/Physical Education (Non credit course) | 0 | 1* | |
| | TOTAL | 19(11+7+1*) | | |
| V Semester | IIIrd Year | T | P | |
| Agron. 5.8 | Water Management including Micro Irrigation | 2 | 1 | |
| Agron. 5.9 | Organic Farming and Sustainable Agriculture | 1 | 1 | |
| PBG 5.3 | Principles of Plant Breeding | 2 | 1 | |
| Hort. 5.4 | Production Technology of Flower Crops and Gardening | 1 | 1 | |
| Ag. Stat. 5.2 | Agriculture Statistics | 2 | 1 | |
| Ag. Micro. 5.1 | Agricultural Microbiology | 2 | 1 | |
| Ag. Engg. 5.3 | Fundamentals of Soil Water Conservation and Engineering | 2 | 1 | |
| Ag.Extn. 5.2 | Entrepreneurship Development | 1 | 1 | |
| Ag. Met. 5.1 | Agricultural Meteorology | 2 | 1 | |
| | TOTAL | 24 (15+9) | | |
| PRACTICAL WORK EXPOSURE ** | | | | |
| VI Semester | IIIrd Year | Practical | | |
| Agron. 6.10 | Vermicompost | 4 | | |
| PBG 6.4 | Seed Production Technology | 4 | | |
| Hort. 6.5 | Preservation and Value Addition in Horticultural Crops | 4 | | |
| Hort. 6.6 | Green House Technology | 4 | | |
| P1.Path. 6.4 | Mushroom Production Technology | 4 | | |
| | Educational Tour* | | | |
| | TOTAL (A)* | 20 | | |
| Agronomy | | 11+9 | | |
| Agril. Chemistry and Soil Science | | 6+3 | | |
| Genetics & Plant Breeding | | 5+3 | | |
| Horticulture | | 6+4 | | |
| Agril. Entomology | | 6+4 | | |
| Plant Pathology | | 5+3 | | |
| Agril. Engineering | | 5+2 | | |
| Agril. Extension Education | | 3+2 | | |
| Animal Husbandry | | 3+2 | | |
| Agril. Economics | | 2+0 | | |
| Agril. Statistics | | 3+2 | | |
| English | | 1+1 | | |
| Crop Physiology | | 2+1 | | |
| Agril. Meteorology | | 2+1 | | |
| Agricultural Microbiology | | 2+1 | | |
| Biomathematics | | 2+0 | | |
| NSS/NCC/Physical Education (Non credit course) | | 0+4* | | |
| | TOTAL (B) | (64+38+4*) | | |
| GRAND TOTAL (A+B) | | (20+102+4*) | | 126 |

Note: (1)**Practical work exposure 20 Credits (2) * Indicate non credit course