

I SEMESTER

- 101 Agriculture Heritage
- 102 Fundamentals of Agronomy
- 103 Fundamentals of Plant Biochemistry and Biotechnology
- 104 Communication Skills in English
- 105 Introductory Biology
- 106 Fundamentals of Soil Science
- 107 Fundamentals of Economics
- 108 Fundamentals of Horticulture
- 109 Human Values and Ethics
- 110 Rural Sociology and Educational Psychology

II SEMESTER

- 111 Agricultural Microbiology
- 112 Introductory Agro meteorology and Climate Change
- 113 Introduction to Forestry
- 114 Fundamentals of Genetics
- 115 Fundamentals of Entomology
- 116 Insect Morphology and Taxonomy
- 117 Soil and Water Conservation Engineering
- 118 Fundamentals of Crop Physiology
- 119 Fundamentals of Plant Pathology
- 120 Production Technology of Fruits and Plantation Crops

### III SEMESTER

- 201 Crop Production Technology - I
- 202 Fundamentals of Plant Breeding
- 203 Fundamentals of Entomology II
- 204 Agricultural Finance and Co-operation
- 205 Farm Machinery and Power
- 206 Eco-physiology
- 207 Fundamentals of Plant Pathology II
- 208 Production Technology for Vegetables and Spices
- 209 Fundamentals of Agricultural Extension
- 210 Education Tour

### IV SEMESTER

- 211 Crop Production Technology - II
- 212 Farming Systems and Sustainable Agriculture
- 213 Irrigation Water Management
- 214 Live-stock and Poultry Management
- 215 Manures, Fertilizers and Soil Fertility Management
- 216 Agricultural Marketing, Trade and Prices
- 217 Renewable Energy and Green Technology
- 218 SMCA Production Technology for Ornamental Crops,
- 219 Medicinal and Aromatic Plants and Landscaping
- 220 Entrepreneurship Development

## V SEMESTER

- 301 Geo-informatics and Nanotechnology for Precision Farming
- 302 Practical Crop Production
- 303 Principles of Food Science and Nutrition
- 304 Crop Improvement - I
- 305 Intellectual Property Rights
- 306 Problematic Soils and their Management
- 307 Pests of Field crops and Stored Grain and their Management
- 308 Protected Cultivation and Post-harvest technologies
- 309 Environmental Studies and Disaster Management
- 310 Principles of Integrated Pest and Disease Management

## VI SEMESTER

- 311 Rain fed Agriculture and Watershed Management
- 312 Principles of Organic Farming
- 313 Agriculture Informatics
- 314 Crop Improvement-II
- 315 Principles of Seed Technology
- 316 Pest of Horticultural Crops and their Management
- 317 Farm Management, Production and Resource Economics
- 318 Diseases of Field and Horticultural Crops and their Management - II
- 319 Post-harvest Management and Value Addition Fruits and Vegetables
- 320 Field works & Project

## VII SEMESTER

- 401 Agricultural Work Experience and Agro Industrial Attachment
- 402 Crop Production
- 403 Crop Protection Practical
- 405 Rural Economics Extension Programme
- 406 Activities and attachment to Agro based industries
- 407 Agricultural Waste Management
- 408 Soil, Plant, Water and Seed Testing
- 409 Food Safety Issues
- 410 Hi-tech. Horticulture

## VIII SEMESTER

- 411 Commercial Plant Breeding
- 412 Bio-pesticides and Bio-fertilizers
- 413 Agro-Chemicals
- 414 Agribusiness Management
- 415 Micro propagation Technologies
- 416 Landscaping
- 417 Protected Cultivation
- 418 Agricultural Heritage
- 419 Project works