



[6] Education and Research (ED)

[6.1] Number of Courses/Subjects Related to Sustainability Offered

| Sr. No | Courses/Modules related to Sustainability | Department | Sr. No | Courses/Modules related to Sustainability | Department |
|------------|--|---------------------------|--------|---|----------------------|
| 1. | Field Crop Production | | 20. | Introduction to Environmental Science | |
| 2. | Principles of Agronomy | | 21. | Soil, Water and Air Pollution | |
| 3. | Agro-Ecology | | 22. | Carbon Sequestration and Environment | |
| 4. | Sustainable Agriculture and Organic Farming | | 23. | Soil Fertility Evaluation | |
| 5. | Fodders and Forages | | 24. | Nutrient Management in Degraded Soils | |
| 6. 7. | Crop Management under stressful Environments Arid Zone Agriculture | | 25. | Plant Growth under Stress Environment | |
| 8. | Agro-technology of Major Field Crops | D | 26. | Municipal Wastes and its Transformations | |
| 9. | Management of Field Crop Nutrition | Department of Agronomy | 27. | Soil Fertility Evaluation | Department of Soil & |
| 10. | Biological Crop Potential | Agronomy | 28. | Salt-Affected Soils and Water Quality | Environmental |
| 11. | Environmental Physiology and Crop | | 29. | Soil Fertility and Fertilizer Use | Sciences |
| | Improvement | | 30. | GIS in Soil Survey and Land Use Planning | Sciences |
| 12. | Farming System and Farm Record | | 31. | Soil Microbiology and Environment Environment Pollution and Management | |
| 13. | Application of Allelopathy in Agriculture | | 33. | Soil, Water and Environment Conservation | |
| 14. | Field Crop Physiology | | 34. | Saline Agriculture | |
| 15. | Applied Crop Ecology | | 35. | Soil Fertility and Plant Nutrition | |
| 16. | Farming and Cropping Systems | | 36. | Soil Microbiology and Biotechnology | |
| 17. | Sustainable Agriculture | | 37. | Advances in Soil Fertility | |
| 18. 19. | Climate Change and Agriculture Postharvest Technology of Crops | | 38. | Soil and Environmental Microbiology | |
| 1 8030880 | Postnarvest rechnology of Crops | | _ | | |
| Sr. No | Courses/Modules related to Sustainability | Department | Sr. No | Courses/Modules related to Sustainability | Department |
| 39. | Essentials of Food Science and Technology | 094 | 54. | Apiculture and Sericulture | 12 |
| 40. | Food Quality Management | | 55. | Insect Ecology and Behavior | |
| 41. | Poultry and Egg Processing | | 56 | Insect Pests of Household, Human & Animals | |
| 42. | Principles of Human Nutrition | | 57 | Sustainable Pest Management of Highly Valued | |
| 43. | Fruit and Vegetable Processing | <u>.</u> | | Crops | |
| 1000 EBC 2 | | Food Sciences & | 58 | Insect Biodiversity Management | Entomology |
| 44. | Meat Technology | | 59 | Insect Biodiversity & Evolution | Entomology |
| 45. | Technology of Oils and Fats | Technology | 60 | Stored Products Pests & their Management | |
| 46. | Food Toxicology & Safety | | 61 | Beneficial Insects | |
| 47. | Community Nutrition & Dietetics | | 62 | Insecticides and Environmental Pollution | |
| 48. | Food Safety and Quality Management | | 63 | Range and Forest Entomology | |
| 49. | Advances in Food Microbiology | | 64 | Post-Harvest Protection of Cereals | |
| 50. | Technology of Edible fat and oil | | 65 | Stored Products Pests & their Management Advances in Pest Management Research | |
| 51. | Advances in Processed Meat Technology | - | 67 | Insecticide Resistance and Management | |
| 52. | Food Industrial Waste Management | - | 68 | Insect Rearing Techniques | |
| LRUSSES | The control of the co | | 69 | Insecticides and Public Health | |
| 53. | Post Harvest Management | | 09 | insecucides and Public Health | |





| 70. | Courses/Modules related to Sustainability Peri-Urban Horticulture | Department | Sr. No | Courses/Modules related to Sustainability | Department |
|--|---|--|--|---|--|
| 71. | Environmental Horticulture | | 101. | Soil Science and Crop Production | |
| 72. | Medicinal and Aromatic Plants | | 102. | Orchard Planning and Management | |
| 73. 74. | Nutrient Management of Horticultural Crops Organic Horticulture Production | | | | _ |
| 75. | Good Agricultural Practices in Horticulture | - | 103. | Farm Mechanization | 10-500 B |
| 76. | Business Management in Horticulture | Department of | 104. | Energy Resources and Utilization | BBA |
| 77. | Propagation and Nursery Management | Horticulture | 105. | | AGRIBUSINESS |
| 78. | Commercial Flower Production | | 10.500.000 | Agribusiness Supply Chain Management | AOMIDOSINESS |
| 79. | Vegetable and Flower Seed production | | 106. | Agribusiness Entrepreneurship | |
| 30. 31. | Food Safety in Horticultural Crops Propagation and Nursery Management. | | 107. | Poultry Business Management | |
| 32. | Rootstocks for Horticultural Crops | - | 100000000000000000000000000000000000000 | | _ |
| 33. | Horticultural Production under Abiotic Stresses | | 108. | Water Management | |
| 34. | Mushroom Biology and Technology | | 109. | Human Resource Management in Agriculture | |
| C. N. | I C | | 110. | Harvest Technology | 1 |
| Sr. No 85. | Courses/Modules related to Sustainability Introduction to Agro-Based Industry | Department | 110. | Harvest reciniology | |
| 86. | Post-Harvest Processes | | | | |
| 37. | Grain Science for Industry | AGRO-INDUSTRIAL | | T 1981 1997 May 1997 199 199 199 199 199 199 199 199 19 | T 2000 10 10 10 |
| 38. | Feed Milling Technology Environmental Management System for | ENGINEERING TECHNOLOGY | Sr. No | Courses/Modules related to Sustainability | Department |
| | Industry | | 111. | Rural Poultry Production | 1 |
| 00. | Entrepreneurship | | 100000000000000000000000000000000000000 | | _ |
| 91. | Grain Milling Technology Technology of Oils and Fats | | 112. | Poultry Farm Management | |
| | recimology of Oils and I ats | | 113. | Poultry Feeding Practices | |
| Sr. No | Courses/Modules related to Sustainability | Department | 114. | Broiler Production and Management | POULTRY SCIENCE |
| 93. | Plant diversity | Department | | | - TOOLINI BOILING |
| 94. | Fish Nutrition | PIGHEDIES : 377 | 115. | Poultry Farm Management & Bio security | |
| 95. 96. | Fish and Fisheries Biology Fishery Technology | FISHERIES AND AQUACULTURE | 116. | Layer Production and Management | |
| 97. | Water Pollution | QUACULIORE | | | \dashv |
| 98. | Integrated Fish Farming | | 117. | Poultry Farm Practices-I | _ |
| 99. 100. | Inland Fisheries Management Fish Post-harvest Technology | 4 | 118. | Poultry Products Technology | |
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| Sr. No | Courses/Modules related to Sustainability | Department | Sr. No | Courses/Modules related to Sustainability | Department |
| 19. | Breeding for Plant Quality Traits | | 139. | Abiotic Diseases of Plants | |
| 20. | Hybrid Seed Production Technology | | 140. | Biological Control of Plant Pathogens | |
| | Breeding Climate Smart Crops | | 141. | Plant Disease Management | Plant Pathology |
| | | | 141. | | |
| | Genetics and Breeding of High-value (Minor | | | | 0,000,000,000,000,000,000 |
| 122. | and Medicinal) Crops | | 142. | Seed and Post-Harvest Pathology | 0.5500000000000000000000000000000000000 |
| 122. 123. | and Medicinal) Crops Genetics and Breeding of Cereal Crops | DI ANT PREEDING | 142. 143. | Seed and Post-Harvest Pathology Plant Resistance to Diseases | 33 |
| 121. 122. 123. 124. | and Medicinal) Crops Genetics and Breeding of Cereal Crops Bio-Safety Measures in GM Crops | PLANT BREEDING | 142. | Seed and Post-Harvest Pathology | |
| 122. 123. 124. 125. | and Medicinal) Crops Genetics and Breeding of Cereal Crops Bio-Safety Measures in GM Crops Hybrid Seed Production Technology | PLANT BREEDING AND GENETICS | 142. 143. | Seed and Post-Harvest Pathology Plant Resistance to Diseases | |
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| 122. 123. 124. 125. 126. 127. | and Medicinal) Crops Genetics and Breeding of Cereal Crops Bio-Safety Measures in GM Crops Hybrid Seed Production Technology Biosafety Measures in Crop Improvement Crop Breeding for Biotic and Abiotic Stresses | | 142. 143. 144. Sr. No | Seed and Post-Harvest Pathology Plant Resistance to Diseases Integrated Plant Disease Management Courses/Modules related to Sustainability | Department |
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| 187 188 189 190 191 | Utilization and Conservation of Animal Genetic Resources Marine and Fresh Water Microbiology Basic Biotechnology Environmental Microbiology Industrial Microbiology Biorisk Management (Biosafety and Biosecurity) | | | |
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| 189 190 191 | Basic Biotechnology Environmental Microbiology Industrial Microbiology | | | |
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| 192 | Biorisk Management (Biosafety and Biosecurity) | | | |
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| 193 | Food and Dairy Microbiology | | | |
| 194 | Animal Biodiversity | | | |
| 195 | Plant Diversity | | | |
| 196 | Aquatic Biology | | | |
| 197 | Biodiversity | | | |
| 198 | Environmental Biology | | | |
| 199 | Aquatic toxicology | | | |
| 200 | Zoogeography & Paleontology | | | |
| 201 | Epidemiology and Public Health | | | |
| | 195 196 197 198 199 200 201 | 195 Plant Diversity 196 Aquatic Biology 197 Biodiversity 198 Environmental Biology 199 Aquatic toxicology 200 Zoogeography & Paleontology 201 Epidemiology and Public Health | 195 Plant Diversity 196 Aquatic Biology 197 Biodiversity 198 Environmental Biology 199 Aquatic toxicology 200 Zoogeography & Paleontology 201 Epidemiology and Public Health | 195 Plant Diversity 196 Aquatic Biology 197 Biodiversity 198 Environmental Biology 199 Aquatic toxicology 200 Zoogeography & Paleontology |

Description:

Number of courses/modules related to environment and sustainability offered in 2020 = 190+ courses