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| **UG Courses** |
| **S.No.** | **Course Title** | **Course No** | **Credit Hours** |
|  | Engineering Mathematics-I | MATH-111 | 3(2+1) |
|  | Engineering Physics | PHY-111 | 3(2+1) |
|  | Engineering Chemistry | CHM-111 | 3(2+1) |
|  | Principles of Soil Science | SOIL-111 | 3(2+1) |
|  | Surveying and Levelling | CE-111 | 3(1+2) |
|  | Strength of Materials | CE-112 | 2(1+1) |
|  | Engineering Drawing | ME-111 | 2(0+2) |
|  | Heat and Mass Transfer | ME-112 | 2(2+0) |
|  | Engineering Mathematics-II | MATH-122 | 3(2+1) |
|  | Environmental Science and Disaster Management | COM-121 | 3(2+1) |
|  | Entrepreneurship Development and Business Management | COM-122 | 3(2+1) |
|  | Theory of Structures | CE-123 | 2(1+1) |
|  | Engineering Mechanics | CE-124 | 3(2+1) |
|  | Workshop Technology and Practices | ME-123 | 3(1+2) |
|  | Theory of Machines | ME-124 | 2(2+0) |
|  | Web Designing and Internet Applications | EE-121 | 2(1+1) |
|  | Principles of Horticultural Crops and Plant Protection | HORT-211 | 2(1+1) |
|  | Principles of Agronomy | AGRO-211 | 3(2+1) |
|  | Communication Skills and Personality Development | COM-213 | 2(1+1) |
|  | Engineering Mathematics-III | MATH-213 | 3(2+1) |
|  | Soil Mechanics | CE-215 | 2(1+1) |
|  | Fluid Mechanics and Open Channel Hydraulics | CE-216 | 3(2+1) |
|  | Machine Design | ME-215 | 2(2+0) |
|  | Thermodynamics, Refrigeration and Air Conditioning | ME-216 | 3(2+1) |
|  | Electrical Machines and Power Utilization | EE-212 | 3(2+1) |
|  | Building Construction and Cost Estimation | CE-227 | 2(2+0) |
|  | Auto CAD Applications | ME-227 | 2(0+2) |
|  | Applied Electronics and Instrumentation | EE-223 | 3(2+1) |