Fourth Semester (Construction Technology)New

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl. No. | Code No | Subject | Contact hours per week | Evaluation Scheme | Total Marks |
| Theory | Practical |
| L | T | P | Exam | Sessional | Exam/Viva | Sess. |
| 1 | CT-401 |  Structural Analysis | 4 | 1 | 0 | 28/70 | 15/30 |  |  | 100 |
| 2 | CT-402 | Water Supply & Sanitary Installation | 4 | 0 | 0 | 28/70 | 15/30 |  |  | 100 |
| 3 | CT-403 | Fluid Mechanics | 4 | 0 | 0 | 28/70 | 15/30 |  |  | 100 |
| 4 | CT-404 | Surveying-II | 3 | 0 | 2 | 28/70 | 15/30 | 12/25 | 12/25 | 150 |
| 5 | CT-405 | Building Construction & Maintenance and Civil Engineering Drawing | 4 | 0 | 4 | 28/70 | 15/30 | 25/50 | 25/50 | 200 |
| 6 | CAI-406 | Computer Programming with C/C++ | 3 | 0 | 4 | 28/70 | 15/30 | 12/25 | 12/25 | 150 |
| Total | 800 |

Sixth Semester (Construction Technology)New

|  |  |  |  |  |  |
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| Sl. No. | Code No | Subject | Contact hours per week | Evaluation Scheme | Total Marks |
| Theory | Practical |
| L | T | P | Exam | Sessional | Exam/Viva | Sess. |
| 1 | Hu-601 | Industrial Management and Entrepreneurship | 3 | 0 | 0 | 28/70 | 15/30 |  |  | 100 |
| 2 | CT-601 |  Estimation and costing | 4 | 0 | 2 | 28/70 | 15/30 | 12/25 | 12/25 | 150 |
| 3 | CT-602 | Design of steel structures | 4 | 1 | 0 | 28/70 | 15/30 |  |  | 100 |
| 4 | CT-603 | Construction and project Management | 4 | 1 | 0 | 28/70 | 15/30 |  |  | 100 |
| 5 | CT-699 | Project | 0 | 0 | 10 | 28/0 | 15/30 | 50/100 | 50/100 | 200 |
|  | CT-61\* | Elective | 4 | 0 | 2 | 28/70 | 15/30 | 12/25 | 12/25 | 150 |
|  |  | CT 611:Construction Methods and Machinery |  |  |  |  |  |  |  |  |
|  |  | CT 612:Water Resource Engineering |  |  |  |  |  |  |  |  |
|  |  | CT 613: Computational Methods in Civil Engineering |  |  |  |  |  |  |  |  |
| Total | 800 |

Fourth Semester (Construction Technology)old

|  |  |  |  |
| --- | --- | --- | --- |
| **Course Code** | **Name of the Course** | **L - T - P** | **Credit** |
| BES : 2201 | Principles of Economics | 3 - 0 - 0 | 03 |
| BES : 2202 | Engineering Mathematics-II | 4 - 1 - 0 | 05 |
| CT : 2201 | Structural Analysis | 4 - 1 - 0 | 05 |
| CT : 2202 | Water Supply and Sanitary Installation | 3 - 0 - 0 | 03 |
| CT : 2203 | Fluid Mechanics | 3 - 0 - 2 | 04 |
| CT : 2204 | Surveying-II | 3 - 0 - 2 | 04 |
| CT : 2205 | Civil Engineering Drawing | 0 - 0 - 2 | 03 |

Sixth Semester (Construction Technology) old

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| Sl. No. | Code No | Subject | Contact hours per week |  |
|  |
| L | T | P |  |
| 1 | BES-3201 | Managerial Economics and entrepreneurship | 3 | 0 | 0 | 100 |
| 2 | CT-3201 | Computational Methods in Civil Engineering | 4 | 0 | 2 | 150 |
| 3 | CT-3202 | Design of Steel Structures | 4 | 1 | 0 | 100 |
| 4 | CT-3203 | Construction and project Management | 4 | 0 | 0 | 100 |
| 4 | CT-3291 | Project | 0 | 0 | 10 | 200 |
| 5 | CT-3292 | Industrial Training |  |  |  | 50 |
|  |  |  |  |  |  | 700 |