**N.B.K.R. INSTITUTE OF SCIENCE & TECHNOLOGY:: VIDYANAGAR**

*(AUTONOMOUS)*

**CIVIL ENGINEERING**

**SCHEME OF INSTRUCTION AND EVALUATION**

(With effect from the batch admitted in the academic year 2017-2018)

**III YEAR OF FOUR YEAR B.TECH. DEGREE COURSE – I SEMESTER**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S.NO | CourseCode | Course Title | Contact Hours/Week | Credits | Evaluation |
| SessionalTest-I | SessionalTest-II | Total Sessional Marks (Max. 40) | SemesterEnd Examination | Max.Total Marks |
| **THEORY** | L | T | P | Test-I(2 hrs.) | Assignment-I | Max.Marks | Test-II(2 hrs.) | Assignment-II | Max.Marks | 0.8(Better of two sessional tests)+0.2(Other) | DurationIn Hours | Max. Marks |
| 1 | 17CE3101 | Structural Analysis-II  | 3 | 2 | 0 | 4 | 34 | 6 | 40 | 34 | 6 | 40 | 3 | 60 | 100 |
| 2 | 17CE3102 | Foundation Engineering | 2 | 2 | 0 | 3 | 34 | 6 | 40 | 34 | 6 | 40 | 3 | 60 | 100 |
| 3 | 17CE3103 | Transportation Engineering-II | 2 | 2 | 0 | 3 | 34 | 6 | 40 | 34 | 6 | 40 | 3 | 60 | 100 |
| 4 | 17CE3104 | RCC Structural Design-II | 3 | 2 | 0 | 4 | 34 | 6 | 40 | 34 | 6 | 40 | 3 | 60 | 100 |
| 5 | 17CE3105 | Steel Structural Design | 2 | 2 | 0 | 3 | 34 | 6 | 40 | 34 | 6 | 40 | 3 | 60 | 100 |
| 6 | 17CE31EX | Core Elective-I | 3 | 0 | 0 | 3 | 34 | 6 | 40 | 34 | 6 | 40 | 3 | 60 | 100 |
|  | **PRACTICALS** |  |
| 1 | 17CE31P1 | Material Testing Laboratory | 0 | 0 | 3 | 2 | - | - | - | - | - | - | Day-to-day Evaluation and a test(40 marks) | 3 | 60 | 100 |
| 2 | 17CE31P2 | Soil Mechanics Laboratory | 0 | 0 | 3 | 2 | - | - | - | - | - | - | 3 | 60 | 100 |
| 3 | 17CE31AC | Audit course | 2 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |
|  |  | **TOTAL** |  |  |  | **24** |  |  |  |  |  |  |  |  |  |
| **Core Elective-I:**  |
| 17CE31E1 | : Advanced Structural Analysis  |
| 17CE31E2 | : Industrial Steel Structures |
| 17CE31E3 | : Ground Water Hydrology |
| 17CE31E4 | : Traffic Engineering & Management |
| 17CE31E5 | : Remote Sensing & GIS |