**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 – II 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 | MaxMarks | 0.8(Better of two sessional tests)+0.2(Other) | DurationIn Hours | Max.Marks |
| 1 | 17CE3201 | Environmental Engineering-I | 3 | 2 | 0 | 4 | 34 | 6 | 40 | 34 | 6 | 40 | 3 | 60 | 100 |
| 2 | 17CE3202 | Water ResourcesEngineering | 2 | 2 | 0 | 3 | 34 | 6 | 40 | 34 | 6 | 40 | 3 | 60 | 100 |
| 3 | 17CE3203 | Engineering Ethics | 3 | 0 | 0 | 3 | 34 | 6 | 40 | 34 | 6 | 40 | 3 | 60 | 100 |
| 4 | 17CE3204 | Construction Planning & Management | 2 | 2 | 0 | 3 | 34 | 6 | 40 | 34 | 6 | 40 | 3 | 60 | 100 |
| 5 | 17CE3205 | Quantity Surveying & Valuation | 3 | 2 | 0 | 4 | 34 | 6 | 40 | 34 | 6 | 40 | 3 | 60 | 100 |
| 6 | 17CE32EX | Core Elective II\* | 3 | 0 | 0 | 3 | 34 | 6 | 40 | 34 | 6 | 40 | 3 | 60 | 100 |
|  | **PRACTICALS** |  |
| 1 | 17CE32P1 | Highway materials laboratory | 0 | 0 | 3 | 2 | - | - | - | - | - | - | Day-to-day Evaluation and a test(40 marks) | 3 | 60 | 100 |
| 2 | 17CE32P2 | Environmental Engineering Lab | 0 | 0 | 3 | 2 | - | - | - | - | - | - | 3 | 60 | 100 |
| 7 | 17CE32MP | Mini Project | 0 | 0 | 0 | 2 |  |  |  |  |  |  |  |  |  |
|  |  | **TOTAL** |  |  |  | **26** |  |  |  |  |  |  |  |  |  |
| **Core Elective-II**\***:** |  |
| 17CE32E1 | : Advanced Structural Design | 17CE32E4: Urban Transportation Planning |
| 17CE32E2 | : Finite Element Analysis | 17CE32E5: Advanced Foundation Engineering |
| 17CE32E3 | : Integrated Watershed Management |  |