**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. | Course  Code | Course Title | Contact Hours/  Week | | | | Credits | Evaluation | | | | | | | | | |
| Sessional  Test-I | | | Sessional  Test-II | | | Total Sessional Marks (Max. 40) | Semester  End 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) | Duration  In Hours | Max.  Marks |
| 1 | 17CE3201 | Environmental Engineering-I | 3 | 2 | 0 | | 4 | 34 | 6 | 40 | 34 | 6 | 40 | 3 | 60 | 100 |
| 2 | 17CE3202 | Water Resources  Engineering | 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 | | | | |  | | | | | | | | | | | |