**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)

**IV YEAR OF FOUR YEAR B.TECH. DEGREE COURSE – I 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 | 17CE4101 | DDIS | 3 | 2 | 0 | 4 | 34 | | 6 | 40 | 34 | | 6 | | 40 | 3 | 60 | 100 |
| 2 | 17CE4102 | Environmental Engineering -II | 3 | 2 | 0 | 4 | 34 | | 6 | 40 | 34 | | 6 | | 40 | 3 | 60 | 100 |
| 3 | 17SH4101 | Engg. Economics & Financial Accounting\*\* | 3 | 0 | 0 | 3 | 34 | | 6 | 40 | 34 | | 6 | | 40 | 3 | 60 | 100 |
| 4 | 17CE4103 | Concrete Technology | 2 | 2 | 0 | 3 | 34 | | 6 | 40 | 34 | | 6 | | 40 | 3 | 60 | 100 |
| 5 | 17CE41EX | Core Elective-III | 3 | 0 | 0 | 3 | 34 | | 6 | 40 | 34 | | 6 | | 40 | 3 | 60 | 100 |
| 6 | 17XX41OX | Open Elective-I | 3 | 0 | 0 | 3 | 34 | | 6 | 40 | 34 | | 6 | | 40 | 3 | 60 | 100 |
|  | | **PRACTICALS** |  | | | | | | | | | | | | | | | | | |
| 1 | 17CE41P1 | Concrete Technology lab | 0 | 0 | 3 | 2 | - | - | | - | | - | | - | - | | Day-to-day Evaluation and a test  (40 marks) | 3 | 60 | 100 |
| 2 | 17CE41P2 | CAAD Lab | 0 | 0 | 3 | 2 | - | - | | - | | - | | - | - | | 3 | 60 | 100 |
|  |  | **TOTAL** |  |  |  | **24** |  |  | |  | |  | |  |  | |  |  |  |
| \*\*Common to ALL | | | | | | | | | | | | | | | | | | | | |
| **Core Elective-III:** | |  | | | | |  | | |  | | | | | | | | | | |
|  | 17CE41E1: | Prestressed Concrete | | | | | 17CE41E5: | | | Solid Waste Management | | | | | | | | | | |
|  | 17CE41E2: | Bridge Engineering | | | | |  | | |  | | | | | | | | | | |
|  | 17CE41E3: | Pavement Construction & Management | | | | |  | | |  | | | | | | | | | | |
|  | 17CE41E4: | Ground Improvement Techniques | | | | |  | | |  | | | | | | | | | | |