**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 – 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 | 17CE42EX | Core Elective-IV | 3 | 0 | 0 | 3 | 34 | | 6 | 40 | | 34 | | 6 | | | 40 | 3 | 60 | 100 |
| 2 | 17XX42OX | Open Elective-II | 3 | 0 | 0 | 3 | 34 | | 6 | 40 | | 34 | | 6 | | | 40 | 3 | 60 | 100 |
| 3 | 17CE42MO | MOOCS | 0 | 0 | 0 | 3 | 34 | | 6 | 40 | | 34 | | 6 | | | 40 | 3 | 60 | 100 |
| 4 | 17CE42IS | Internship | 0 | 0 | 0 | 2 | - | - | | | - | | - | | |  | - | | Day-to-day Evaluation and a test  (100 Marks) | - | - | 100 |
|  | | **PROJECT** | | | | | | | | | | | | | | | | | | | | |
| 1 | 17CE42PR | Project Work | 0 | 0 | 3 | 11 | - | - | | | - | | - | | | - | - | | Continuous assessment  and seminar (80 marks) | - | 120 | 200 |
|  |  | **TOTAL** |  |  |  | **22** |  |  | | |  | |  | | |  |  | |  |  |  |  |
|  | \*\*Common to ALL | | | | | | | | | | | | | | | | | | | | | |
| **Core Elective-IV:** | |  | | | | |  | | | | | | | |  | | | | | | | |
|  | 17CE42E1: | Repair and Rehabilitation of Structures | | | | |  | | | | | | | |  | | | | | | | |
|  | 17CE42E2: | CAAD in Civil Engineering | | | | |  | | | | | | | |  | | | | | | | |
|  | 17CE42E3: | Structural Health Monitoring | | | | |  | | | | | | | |  | | | | | | | |
|  | 17CE42E4: | Geo Synthetics and Reinforced Soil Structures | | | | |  | | | | | | | |  | | | | | | | |
|  | 17CE42E5: | Environmental Impact and Project Management | | | | |  | | | | | | | |  | | | | | | | |