**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 2019-2020)

**II 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 | 19SH2101 | Engineering Mathematics - III | 3 | 1 | 0 | 4 | 34 | | 6 | 40 | 34 | | 6 | | 40 | 3 | 60 | 100 |
| 2 | 19CE2101 | Strength of Materials | 2 | 1 | 0 | 3 | 34 | | 6 | 40 | 34 | | 6 | | 40 | 3 | 60 | 100 |
| 3 | 19CE2102 | Fluid Mechanics | 2 | 1 | 0 | 3 | 34 | | 6 | 40 | 34 | | 6 | | 40 | 3 | 60 | 100 |
| 4 | 19CE2103 | Surveying | 2 | 1 | 0 | 3 | 34 | | 6 | 40 | 34 | | 6 | | 40 | 3 | 60 | 100 |
| 5 | 19CE2104 | Computer Aided Civil Engineering Drawing | 1 | 0 | 3 | 2.5 | 34 | | 6 | 40 | 34 | | 6 | | 40 | 3 | 60 | 100 |
| 6 | 19MC2101 | Environmental Science | 2 | 0 | 0 | 0 | 34 | | 6 | 40 | 34 | | 6 | | 40 | 3 | 60 | 100 |
|  | | **PRACTICALS** |  | | | | | | | | | | | | | | | | | |
| 1 | 19CE21P1 | Strength of Materials Lab | 0 | 0 | 3 | 1.5 | - | - | | - | | - | | - | - | | Day-to-day Evaluation and a test  (40 marks) | 3 | 60 | 100 |
| 2 | 19CE21P2 | Surveying Laboratory | 0 | 0 | 3 | 1.5 | - | - | | - | | - | | - | - | | 3 | 60 | 100 |
| **TOTAL** | | | | | | **18.5** |  |  | |  | |  | |  |  | |  |  |  |

**Note:-***Survey camp for a duration of 7 days to be conducted before the last day of instruction for II B.Tech, I – Sem. This shall be evaluated as part of Surveying Laboratory.*