**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 2020-2021)

**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 | 20SH2101 | Engineering Mathematics-III | 3 | 0 | 0 | 3 | 34 | | 6 | 40 | | 34 | | 6 | | 40 | 3 | | 60 | 100 |
| 2 | 20CE2101 | Strength of Materials | 2 | 1 | 0 | 3 | 34 | | 6 | 40 | | 34 | | 6 | | 40 | 3 | | 60 | 100 |
| 3 | 20CE2102 | Surveying | 2 | 1 | 0 | 3 | 34 | | 6 | 40 | | 34 | | 6 | | 40 | 3 | | 60 | 100 |
| 4 | 20CE2103 | Geotechnical Engg. - I | 2 | 1 | 0 | 3 | 34 | | 6 | 40 | | 34 | | 6 | | 40 | 3 | | 60 | 100 |
| 5 | 20CE2104 | Engg. Geology | 3 | 0 | 0 | 3 | 34 | | 6 | 40 | | 34 | | 6 | | 40 | 3 | | 60 | 100 |
|  | | **PRACTICALS** |  | | | | | | | | | | | | | | | | | | | | |
| 1 | 20CE21P1 | Surveying Lab | 0 | 0 | 3 | 1.5 | - | - | | | - | | - | | - | - | | Day-to-day Evaluation and a test  ( 40 marks) | 3 | 60 | | 100 |
| 2 | 20CE21P2 | Engineering Geology Lab | 0 | 0 | 3 | 1.5 | - | - | | | - | | - | | - | - | | 3 | 60 | | 100 |
| 3. | 20CE21P3 | Strength of Materials Lab | 0 | 0 | 3 | 1.5 | - | - | | | - | | - | | - | - | | 3 | 60 | | 100 |
|  | | **SKILL ORIENTED COURSE** | | | | | | | | | | | | | | | | | | | | | |
| 1 | 20CE21SC | Basic Computing Skills | 0 | 1 | 2 | 2 | 34 | 6 | | | 40 | | 34 | | 6 | 40 | | 0.8(Better of two)  +  0.2(Other) | 3 | 60 | | 100 |
|  | | **TOTAL** |  | | | **21.5** |  | | | | | | | | | | | | | | | |
|  |  |  | | | | | | | | | | | | | | | | | | | | | |