**NBKR 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)

**II YEAR OF FOUR YEAR B.TECH. DEGREE COURSE – II SEMESTER**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S.No. | Course  Code | Course Title | Contact Hours/  Week | | | Cred-its | 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 | 17CE2201 | Fluid Mechanics – II | 2 | 2 | 0 | 3 | 34 | 6 | | 40 | | 34 | | 6 | | 40 | | 3 | 60 | 100 | |
| 2 | 17CE2202 | R.C.C. Structural Design-I | 3 | 2 | 0 | 4 | 34 | 6 | | 40 | | 34 | | 6 | | 40 | | 3 | 60 | 100 | |
| 3 | 17CE2203 | Surveying – II | 2 | 2 | 0 | 3 | 34 | 6 | | 40 | | 34 | | 6 | | 40 | | 3 | 60 | 100 | |
| 4 | 17CE2204 | Soil Mechanics | 3 | 2 | 0 | 4 | 34 | 6 | | 40 | | 34 | | 6 | | 40 | | 3 | 60 | 100 | |
| 5 | 17CE2205 | Structural Analysis – I | 2 | 2 | 0 | 3 | 34 | 6 | | 40 | | 34 | | 6 | | 40 | | 3 | 60 | 100 | |
| 6 | 17CE2206 | Transportation Engineering-I | 2 | 2 | 0 | 3 | 34 | 6 | | 40 | | 34 | | 6 | | 40 | | 3 | 60 | 100 | |
|  | | **PRACTICALS** | | | |  | | | | | | | | | | | | | | | | |
| 1 | 17CE22P1 | Surveying Laboratory – II | 0 | 0 | 3 | 2 | - | | - | | - | | - | | - | - | | Day-to-day Evaluation and a test  (40 marks) | 3 | 60 | | 100 |
| 2 | 17CE22P2 | Fluid Mechanics & Hydraulic Machinery Laboratory | 0 | 0 | 3 | 2 | - | | - | | - | | - | | - | - | | 3 | 60 | | 100 |
|  | | **MANDATORY** | | | | | | | | | | | | | | | | | | | | |
| 1. | 17MC2201 | Environmental studies | 3 | 0 | 0 | 0 | 34 | 6 | | | 40 | 34 | | 6 | | 40 | | 0.8 (Better of two )  +  0.2(Other) | 3 | 60 | 100 | |
|  |  | **TOTAL** |  |  |  | **24** |  | |  | |  | |  | |  | |  |  |  |  | |  |

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