**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. | CourseCode | Course Title | Contact Hours/Week | Cred-its | Evaluation |
| SessionalTest-I | SessionalTest-II | Total Sessional Marks (Max. 40) | Semester EndExamination | 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) | Durationin 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.*