**NBKR 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 – 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 | 20CE2201 | Fluid Mechanics  | 2 | 1 | 0 | 3 | 34 | 6 | 40 | 34 | 6 | 40 | 3 | 60 | 100 |
| 2 | 20CE2202 | Structural Analysis  | 2 | 1 | 0 | 3 | 34 | 6 | 40 | 34 | 6 | 40 | 3 | 60 | 100 |
| 3 | 20CE2203 | Geotechnical Engg - II  | 2 | 1 | 0 | 3 | 34 | 6 | 40 | 34 | 6 | 40 | 3 | 60 | 100 |
| 4 | 20CE2204 | Transportation Engineering | 3 | 0 | 0 | 3 | 34 | 6 | 40 | 34 | 6 | 40 | 3 | 60 | 100 |
| 5 | 20SH2201 | Managerial Economics and Financial Accounting | 3 | 0 | 0 | 3 | 34 | 6 | 40 | 34 | 6 | 40 | 3 | 60 | 100 |
|  | **PRACTICALS** |  |
| 1 | 20CE22P1 | Fluid Mechanics Lab  | 0 | 0 | 3 | 1.5 | - | - | - | - | - | - | Day-to-day Evaluation and a test(40 marks) | 3 | 60 | 100 |
| 2 | 20CE22P2 | Geotechnical Engg. Lab | 0 | 0 | 3 | 1.5 | - | - | - | - | - | - | 3 | 60 | 100 |
| 3. | 20CE22P3 | Transportation Engg. Lab | 0 | 0 | 3 | 1.5 | - | - | - | - | - | - | 3 | 60 | 100 |
|  | **SKILL ORIENTED COURSE** |
| 1 | 20CE22SC | 3D Modeling  | 0 | 1 | 2 | 2 | 34 | 6 | 40 | 34 | 6 | 40 | 0.8 (Better of two )+0.2(Other) | 3 | 60 | 100 |
|  |  | **MANDATORY** |
| 1 | 20MC2201 | Environmental Science | 2 | 0 | 0 | 0 | 34 | 6 | 40 | 34 | 6 | 40 | 0.8(Better of two)+0.2(Other) | 3 | 60 | 100 |
|  |  | **TOTAL** |  | **21.5** |  |