**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. | 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 | 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** |  | | | | | | | | | | | | | | | |