**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)

**I YEAR OF FOUR YEAR B.TECH. DEGREE COURSE – II 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 | 20SH1201 | Engineering Physics# | 2 | 1 | 0 | 3 | 34 | | 6 | 40 | 34 | | 6 | | 40 | 3 | 60 | 100 |
| 2 | 20SH1202 | Engineering Mathematics –II\* | 3 | 0 | 0 | 3 | 34 | | 6 | 40 | 34 | | 6 | | 40 | 3 | 60 | 100 |
| 3 | 20CE1201 | Building Materials & Construction∆ | 3 | 0 | 0 | 3 | 34 | | 6 | 40 | 34 | | 6 | | 40 | 3 | 60 | 100 |
| 4 | 20CE1202 | Engineering Mechanics∆ | 3 | 0 | 0 | 3 | 34 | | 6 | 40 | 34 | | 6 | | 40 | 3 | 60 | 100 |
| 5 | 20EE1203 | Elements of Electrical and Electronics Engineering | 3 | 0 | 0 | 3 | 34 | | 6 | 40 | 34 | | 6 | | 40 | 3 | 60 | 100 |
|  |  | **PRACTICALS** |  | | | | | | | | | | | | | | | | | |
| 1 | 20CE12P1 | Building Materials and Construction Workshop∆ | 0 | 0 | 3 | 1.5 | - | - | | - | | - | | - | - | | Day-to-day Evaluation and a test  (40 marks) | 3 | 60 | 100 |
| 2 | 20SH12P1 | Engineering Physics Laboratory# | 0 | 0 | 3 | 1.5 | - | - | | - | | - | | - | - | | 3 | 60 | 100 |
| 3 | 20ME12P3 | Engineering Workshopф | 0 | 0 | 2 | 1.5 | - | - | | - | | - | | - | - | | 3 | 60 | 100 |
|  |  | **MANDATORY COURSE** | | | | | | | | | | | | | | | 0.8(Better of two) +0.2 other |  | | |
| 1 | 20MC1201 | Universal Human Values | 2 | 0 | 0 | 0 | 34 | 6 | | 40 | | 34 | | 6 | 40 | | 3 | 60 | 100 |
| **TOTAL** | | | | | | **19.5** |  | | | | | | | | | |  |  | | |

**#** CE& ME; **\***Common to all; **$** Other than ME; ∆ CE; ф CE, ME & ECE