**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 – I SEMESTER**

**Induction Program:**

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| --- | --- | --- | --- | --- |
| Induction program (Mandatory) | 3 weeks duration | | | |
| Induction program for students to be offered right at the start of the first year. | (1) Physical activity | (2) Creative Arts | (3) Universal Human Values | (4) Literary |
| (5) Proficiency Modules | (6) Lectures by Eminent People | (7) Visits to local Areas | (8) Familiarization to Dept./Branch & Innovations |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | 20SH1101 | Engineering Chemistry# | 3 | 0 | 0 | 3 | 34 | | 6 | 40 | 34 | | 6 | | 40 | 3 | 60 | 100 |
| 2 | 20SH1102 | Engineering Mathematics –I\* | 3 | 0 | 0 | 3 | 34 | | 6 | 40 | 34 | | 6 | | 40 | 3 | 60 | 100 |
| 3 | 20SH1103 | CommunicativeEnglish\* | 3 | 0 | 0 | 3 | 34 | | 6 | 40 | 34 | | 6 | | 40 | 3 | 60 | 100 |
| 4 | 20CS1101 | Programming for Problem Solvingф | 3 | 0 | 0 | 3 | 34 | | 6 | 40 | 34 | | 6 | | 40 | 3 | 60 | 100 |
|  | | **PRACTICALS** |  | | | | | | | | | | | | | | | | | |
| 1 | 20SH11P1 | Engineering Chemistry Laboratory# | 0 | 0 | 3 | 1.5 | - | - | | - | | - | | - | - | | Day-to-day Evaluation and a test  (40 marks) | 3 | 60 | 100 |
| 2 | 20CS11P1 | Programming for Problem Solving Laboratoryф | 0 | 0 | 3 | 1.5 | - | - | | - | | - | | - | - | | 3 | 60 | 100 |
| 3 | 20ME11P1 | Computer Aided Engineering Drawing Laboratoryδ | 0 | 0 | 6 | 3 | - | - | | - | | - | | - | - | | 3 | 60 | 100 |
| 4. | 20SH11P2 | English Language Lab ф | 0 | 0 | 2 | 1.5 | - | - | | - | | - | | - | - | | 3 | 60 | 100 |
| **TOTAL** | | | | | | **19.5** |  | | | | | | | | | |  |  | | |

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