**N.B.K.R. INSTITUTE OF SCIENCE & TECHNOLOGY:: VIDYANAGAR**

Approved in the BOS meetingheld on 16.09.2022

*(AUTONOMOUS)*

**CIVIL ENGINEERING**

**SCHEME OF INSTRUCTION AND EVALUATION**

(With effect from the batch admitted in the academic year 2020-2021)

**III 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 | 20CE3201 | | Quantity Surveying and Valuation | 2 | 1 | 0 | 3 | 34 | | 6 | 40 | | 34 | | 6 | | | 40 | 3 | 60 | 100 |
| 2 | 20CE3202 | | RS & GIS | 3 | 0 | 0 | 3 | 34 | | 6 | 40 | | 34 | | 6 | | | 40 | 3 | 60 | 100 |
| 3 | 20CE3203 | | Environmental Engg. | 3 | 0 | 0 | 3 | 34 | | 6 | 40 | | 34 | | 6 | | | 40 | 3 | 60 | 100 |
| 4. | 20CE32EX | | **Professional Elective-II** | 3 | 0 | 0 | 3 | 34 | | 6 | 40 | | 34 | | 6 | | | 40 | 3 | 60 | 100 |
|  | | | **OPEN ELECTIVE COURSE / JOB ORIENTED ELECTIVE** | | | | | | | | | | | | | | | |  | | |
| 5 | 20XX3201 | | *Open Elective Course/Job Oriented Course* | 3 | 0 | 0 | 3 | 34 | | 6 | 40 | | 34 | | 6 | | | 40 | 3 | 60 | 100 |
|  | | | **PRACTICALS** |  | | | | | | | | | | | | | | | | | | | | |
| 1 | 20CE32P1 | | EE Laboratory | 0 | 0 | 3 | 1.5 | - | - | | | - | | - | | - | | - | | Day-to-day Evaluation and a test  (40 marks) | | 3 | 60 | 100 |
| 2 | 20CE32P2 | | RS & GIS Lab | 0 | 0 | 3 | 1.5 | - | - | | | - | | - | | - | | - | | 3 | 60 | 100 |
| 3 | 20CE32P3 | | STAAD lab | 0 | 0 | 3 | 1.5 | - | - | | | - | | - | | - | | - | | 3 | 60 | 100 |
|  |  | | **SKILL ADVANCED COURSE / SOFT SKILL COURSE** | | | | | | | | | | | | | | | | |  | | |
| 1 | 20CE32SC | | Advanced Communication Skills | 0 | 0 | 4 | 2 | - | - | | | - | | - | | - | | - | | 3 | 60 | 100 |
|  |  | | **MANDATORY COURSE** | | | | | | | | | | | | | | | | | 0.8(Better of two sessional tests)  +  0.2(Other | |  | | |
| 1 | 20ME32MC | | Entrepreneurship | 2 | 0 | 0 | 0 | 34 | 6 | | | 40 | | 34 | | 6 | | 40 | | 3 | 60 | 100 |
|  |  | | **TOTAL** |  |  |  | **21.5** |  | | | | | | | | | | | | | | | | |
| 1 | 20xx32xx | | Honors/Minor Course | 4 | 0 | 0 | 4 | The hours distribution can be 3-0-2 or 3-1-0 also | | | | | | | | | | | | | | | | |
| **Industrial/Research:** Internship (Mandatory) 2 months during summer vacation(to be evaluated during VII semester)  **Professional Elective-II:** | | | | | | | | | | | | | | | | | | | | | | | | |
| 20CE32E1 | | : Hydrology & WRE 20CE32E3: Finite Element Analysis | | | | | | | | | | | | | | |  | | | | | | | |
| 20CE32E2 | | : Urban Transportation Planning **20CE32E4 : Advanced Reinforced Concrete Design** | | | | | | | | | | | | | | | | | | |  | | | |