**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 | CourseCode | Course Title | Contact Hours/Week | Credits | Evaluation |
| SessionalTest-I | SessionalTest-II | Total Sessional Marks (Max. 40) | SemesterEnd 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) | DurationIn 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** |  |