# II/II (CSE - Scheme - 2019 Regulations)

**NBKR INSTITUTE OF SCIENCE & TECHNOLOGY: VIDYANAGAR (AUTONOMOUS)**

**AFFILIATED TO JNTUA, ANANTAPURAMU**

**II YEAR OF FOUR YEAR B.TECH DEGREE COURSE – II SEMESTER**

**COMPUTER SCIENCE & ENGINEERING**

SCHEME OF INSTRUCTION and EVALUATION

(With effect from the batch admitted in the academic year 2019-2020)

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| --- | --- | --- | --- | --- | --- |
| S.No | CourseCode | Course Title | InstructionHours/Week | Credits | Evaluation |
| SessionalTest-I | SessionalTest-II | Total Sessional Marks (Max. 40) | End SemesterExamination | Max.Total Marks |
| **THEORY** | L | T | D/P |  | DurationIn Hours | Max.Marks(24+6+10) | DurationIn Hours | Max.Marks(24+6+10) | 0.8\*Best of two+0.2\*least of two | DurationIn Hours | Max.Marks | 100 |
| 1 | 19CS2201 | Discrete Mathematical Structures | 3 | 1 | - | 4 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 2 | 19CS2202 | Design and Analysis of Algorithms | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 3 | 19SH2202 | Engineering Economics and Financial Accounting | 2 | - | - | 2 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 4 | 19CS2203 | Formal Languages and Automata Theory | 3 | 1 | - | 4 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 5 | 19CS2204 | Computer Networks | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 6 | 19MC2202 | MC : Technical English and Soft Skills | 2 | - | 2 | - | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
|  | **PRACTICALS** |  |
| 7. | 19CS22P1 | Design and Analysis of Algorithms Lab | - | - | 3 | 1.5 | - | - | - | 40 | Day to Day Evaluation and a test(40 Marks) | 3 | 60 | 100 |
| 8. | 19CS22P2 | Computer Networks Lab | - | - | 3 | 1.5 | - | - | - | 40 | 3 | 60 | 100 |
|  |  | **TOTAL** | 16 | 2 | 8 | 19 | - | 240 | - | 320 | - | 480 | 800 |

***MC: Mandatory Course***