# II/II (IT - 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**

**INFORMATION TECHNOLOGY**

SCHEME OF INSTRUCTION and EVALUATION

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S.  No | Course  Code | Course Title | Instruction  Hours/Week | | | Credits | Evaluation | | | | | | | |
| Sessional  Test-I | | Sessional  Test-II | | Total Sessional Marks (Max. 40) | End Semester  Examination | | Max.  Total Marks |
| **THEORY** | L | T | D/P |  | Duration  In Hours | Max.  Marks  (24+6+10) | Duration  In Hours | Max.  Marks  (24+6+10) | 0.8\*Best of two  +  0.2\*least of two | Duration  In 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 | 19IT2201 | Object Oriented Analysis and Design | 3 | 1 | - | 4 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 4 | 19CS2204 | Computer Networks | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 5 | 19IT2202 | Software Engineering | 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. | 19IT22P1 | Software Engineering 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** | 17 | 2 | 8 | 20 | - | 240 | - | 320 | - | 480 | 800 |

***MC: Mandatory Course***