# III/II (IT- Scheme - 2019 Regulations)

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

**AFFILIATED TO JNTUA, ANANTAPURAMU**

**III 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 | 19SH3201 | Management Science | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 2 | 19CS3201 | Internet of Things | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 3 | 19CS3202 | Artificial Intelligence | 3 | 1 | - | 4 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 4 | 19CS3203 | Data Warehousing and Mining | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 5 |  | **Professional Elective-** **2** | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 19CS32E1 | Software Project Management |
| 19CS32E2 | R Programming |
| 19CS32E3 | High Performance Computing |
| 19IT32E1 | Adhoc & Sensor Networks |
| 6 | 19AC3201 | AC-Universal Human Values | 2 | - | - | - | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
|  | | **PRACTICALS** |  | | | | | | | | | | | |
| 7. | 19CS32P1 | Internet of Things Lab | - | - | 3 | 1.5 | - | - | - | 40 | Day to Day Evaluation and a test  (40 Marks) | 3 | 60 | 100 |
| 8. | 19CS32P2 | Data Warehousing and Mining Lab | - | - | 3 | 1.5 | - | - | - | 40 | 3 | 60 | 100 |
| 9. | 19IT32MP | Mini Project | - | - | - | 2 | - | - | - | 40 | - | 60 | 100 |
|  |  | **TOTAL** | 17 | 1 | 6 | 21 | - | 240 | - | 360 | - | 540 | 900 |

***AC:Audit Course***