**IV/I (IT - Scheme - 2017 Regulations)**

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

**AFFILIATED TO JNTUA, ANANTAPURAMU**

**IV YEAR OF FOUR YEAR B.TECH DEGREE COURSE – I SEMESTER**

**INFORMATION TECHNOLOGY**

SCHEME OF INSTRUCTION AND EVALUATION

(With effect from the batch admitted in the academic year 2017-2018)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | 17CS4101 | Mobile Application and Development | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 2 | 17IT4101 | Service Oriented Architecture | 3 | 2 | - | 4 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 3 | 17CS4103 | Big Data and Hadoop | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 4 | 17SH4101 | Management Science | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 5 | 17CS41EX | Professional Elective-3 | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 6 |  | Open Elective-1 | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
|  | | **PRACTICALS** |  | | | | | | | | | | | |
| 7. | 17CS41P1 | Mobile Application Development Lab | - | - | 3 | 2 | - | - | - | 40 | Day to Day Evaluation and a test  (40 Marks) | 3 | 60 | 100 |
| 8. | 17CS41P2 | Big Data and Hadoop Lab | - | - | 3 | 2 | - | - | - | 40 | 3 | 60 | 100 |
|  |  | TOTAL | 18 | 2 | 6 | 23 | - | 240 | - | 320 | - | 480 | 800 |