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

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

**AFFILIATED TO JNTUA, ANANTAPURAMU**

**IV 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 |  |
| 1 |  | **Professional Elective - 4** | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 19CS42E1 | Software Testing and Quality Assurance |
| 19CS42E2 | Intelligent Software Agents |
| 19CS42E3 | Mobile Application Development |
| 19CS42E4 | Natural Language Processing |
| 2 |  | Open Elective –4 | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 3 | 19IT42IS | Internship | 3 | - | - | 2 | - | - | - | 40 | 3 | 60 | 100 |
| 4 | 19IT42MO | Massive Open Online  Courses(MOOCs) | - | - | - | 3 | - | - | - | 40 | - | 60 | 100 |
| 5 | 19IT42PR | Project | - | - | - | 11 | - | - | - | 80 | - | 120 | 200 |
|  |  | **TOTAL** | 9 | - | - | 22 | - | 80 | - | 240 |  | - | 360 | 600 |