# II/I (IT - Scheme - 2017 Regulations)

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

**AFFILIATED TO JNTUA, ANANTAPURAMU**

**II 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 | 17CS2101 | Mathematical Foundations of Computer Science | 2 | 2 | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 2 | 17CS2102 | Java Programming | 2 | 2 | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 3 | 17CS2103 | Operating Systems | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 4 | 17CS2104 | Basic Computer Organization | 3 | 2 | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 5 | 17CS2105 | Software Engineering | 3 | 2 | - | 4 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 6 | 17SH2106 | Probability & Statistics | 2 | 2 | - | 4 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 7. | 17MC2101 | MC: Environmental Studies | 3 | - | - | - | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
|  | | **PRACTICALS** |  | | | | | | | | | | | |
| 8. | 17CS21P1 | Java Programming Lab | - | - | 3 | 2 | - | - | - | 40 | Day to Day Evaluation and a test  (40 Marks) | 3 | 60 | 100 |
| 9. | 17CS21P2 | Operating Systems Lab | - | - | 3 | 2 | - | - | - | 40 | 3 | 60 | 100 |
|  |  | **TOTAL** | 18 | 10 | 6 | 24 | - | 280 | - | 360 | - | 540 | 900 |

***MC: Mandatory Course***