# I/II (AI&DS - Scheme - 2020 Regulations)

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

**AFFILIATED TO JNTUA, ANANTAPURAMU**

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

**ARTIFICIAL INTELLIGENCE & DATA SCIENCE**

**SCHEME OF INSTRUCTION AND EVALUATION**

(With effect from the batch admitted in the academic year 2020-2021)

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| --- | --- | --- | --- | --- | --- |
| 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(100) |
|   |   | **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 | 20SH1204 | Engineering Mathematics - II | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 2 | 20SH1203 | Applied Chemistry | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 3 | 20CS1201 | Python Programming | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 4 | 20CS1202 | Data Structures | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 5 | 20MC1201 | Universal Human Values | 2 | - | - | - | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
|   | **PRACTICALS** |   |
| 6 | 20ME12P1 | Computer Aided Engineering Drawing Lab | - | - | 6 | 3 | - | - | - | 40 | Day to Day Evaluation and a test (40 Marks) | 3 | 60 | 100 |
| 7 | 20SH12P4 | Applied Chemistry Lab | - | - | 3 | 1.5 | - | - | - | 40 | 3 | 60 | 100 |
| 8 | 20CS12P1 | Data Structures Using Python Lab | - | - | 3 | 1.5 | - | - | - | 40 | 3 | 60 | 100 |
| 9 | 20SH12P1 | English Language Lab | - | - | 3 | 1.5 | - | - | - | 40 | 3 | 60 | 100 |
|  |  | **TOTAL** | **14** | **-** | **15** | **19.5** |  | **200** |  | **360** | **-** | **540** | **900** |