# I/I (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 – I SEMESTER**

**ARTIFICIAL INTELLIGENCE & DATA SCIENCE**

**SCHEME OF INSTRUCTION AND EVALUATION**

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | 20SH1101 | Communicative English | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 2 | 20SH1102 | Applied Physics | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 3 | 20SH1105 | Engineering Mathematics - I | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 4 | 20CS1101 | Programming for Problem Solving | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
| 5 | 20EE1102 | Basic Electrical Engineering | 3 | - | - | 3 | 2 | 40 | 2 | 40 | 3 | 60 | 100 |
|  | | **PRACTICALS** |  | | | | | | | | | | | |
| 6 | 20ME11P2 | Engineering Workshop | - | - | 3 | 1.5 | - | - | - | 40 | Day to Day Evaluation and a test (40 Marks) | 3 | 60 | 100 |
| 7 | 20CS11P1 | Programming for Problem Solving Lab | - | - | 3 | 1.5 | - | - | - | 40 | 3 | 60 | 100 |
| 8 | 20SH11P2 | Applied Physics Lab | - | - | 3 | 1.5 | - | - | - | 40 | 3 | 60 | 100 |
|  |  | **TOTAL** | **15** | **-** | **9** | **19.5** |  | **200** |  | **320** |  | **480** | **800** |