Academic program

M.sc in Space Science and Technology

**Scheme of Instruction and Examination**

**SEMESTER -I**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| S.  No. | Sub. Code | Subject |  | Duration of Exam | Max. Marks | Credits |
| 1 | SSA 101 | Basic Physics |  | 3 | 100 | 4 |
| 2 | SSA 102 | Mathematical Methods of Physics |  | 3 | 100 | 4 |
| 3 | SSA 103 | Basic Astronomy |  | 3 | 100 | 4 |
| 4 | SSA 104 | Classical (Celestial) Mechanics |  | 3 | 100 | 4 |
| **PRACTICALS** | | | | | | |
| 5 | SSA Pr 151 | Numerical Methods and Computer Applications using Python | 8+8 | 4 | 100 | 4 |
| 6 | SSA Pr 152 | Data Handling using GNU plot and Astronomical Distance Estimation Techniques | 8+8 | 4 | 100 | 4 |
|  |  | **Total:** | **44** |  | **600** | **24** |