

**Program Name: -Bachelor of Technology (Artificial Intelligence and Data Science)**

**Program Code: ET108**

**Semester:- VIII**

**Effective in Academic Year: 2021-22**

| Subject code | Subject Name                    | Credit | Hours per week |   |    |       | Theory (Marks)        |      |                       |      | Practical (Marks)     |      |                       |      | Total (Marks) |
|--------------|---------------------------------|--------|----------------|---|----|-------|-----------------------|------|-----------------------|------|-----------------------|------|-----------------------|------|---------------|
|              |                                 |        | L              | T | P  | Total | University Assessment |      | Continuous Assessment |      | University Assessment |      | Continuous Assessment |      |               |
|              |                                 |        |                |   |    |       | Min.                  | Max. | Min.                  | Max. | Min.                  | Max. | Min.                  | Max. |               |
| 1ET1080801   | Blockchain and Its Applications | 5      | 4              | - | 2  | 6     | 28                    | 70   | 12                    | 30   | 12                    | 30   | 8                     | 20   | 150           |
| 1ET1080802   | R Programming for Data Science  | 5      | 4              | - | 2  | 6     | 28                    | 70   | 12                    | 30   | 12                    | 30   | 8                     | 20   | 150           |
|              | Open Elective - IV              | 4      | 3              | - | 2  | 5     | 28                    | 70   | 12                    | 30   | 12                    | 30   | 8                     | 20   | 150           |
| 1ET1080805   | Major Project                   | 8      | -              | - | 16 | 16    | —                     | —    | —                     | —    | 48                    | 120  | 32                    | 80   | 200           |
| 1ET1000801   | Industry Internship Programme   | —      | —              | - | —  | —     | —                     | —    | —                     | —    | —                     | —    | —                     | —    | —             |
| Total        |                                 | 22     | 11             | 0 | 22 | 33    |                       |      |                       |      |                       |      |                       |      | 650           |

| Open Elective - IV |                              |
|--------------------|------------------------------|
| 1ET1080803         | Speech Technology            |
| 1ET1080804         | Social media & Text Analysis |

L=Lecture, T=Tutorial, P=Practical

**Note :-** Industry Internship Programme is a part of B.Tech Semester- VIII curriculum, which comprise of minimum 4 weeks Industrial Training. Out of this, 2 weeks training must be continuous in nature. Student has to undergo this training during summer break and complete it before the term end of 8<sup>th</sup> semester.