2. Curriculum:

2..1. Deficiency Courses (Zero Semester) Non-Credit Hours (FOR NON-CSIT ONLY):

- Programming Fundamentals
- Data Structures & Algorithms OR Design and Analysis of Algorithms
- Database Systems

Semester I

S.No.	Course Title	Cr. Hrs.
1	Data Science: Tools & Techniques (Core - I)	3
2	Statistical and Mathematical Methods for Data Science (Core II)	3
3	Machine learning (Core III)	3
4	Research Methodology (elective I)	3
	Total	12

Semester II

S.No.	Course Title	Cr. Hrs.
1	Deep Learning (Specialization I)	3
2	Big data Analytics (Specialization II)	3
3	Natural Language Processing (Elective II)	3
4	Advance Computer Vision (Elective III)	3
	Total	12
	Total Course Credits	24

3rd to 4th Semester:

Research on the approved topic and thesis / dissertation write-up and its defense (06 Credit Hours).