Program Structure

Semester 1				
Sl No	**Code**	**Course Category**	**Name of the Subject**	**Credits**
1	CUCS1006	Core Course	Network and Protocols for IoT	3
2	CUCS1001	Core Course	Programming in C	6
3	CUTM1018	Core Course	Data Analysis and Visualization using Python	4
4	CUCS1005	Core Course	Relational and Distributed Databases	4
5	CUCS1012	Core Course	Customer Experience Design and Programming	4
6	CUTM1016	Core Course	Job Readiness	6
			Total	27

Semester 2				
SL No.	**Code**	**Course Category**	**Name of the Subject**	**Credits**
1	CUTM1019	Core Course	Machine Learning using Python	**4**
2	CUCS1010	Core Course	Cloud Practitioner (AWS)	2
3	CUCS1015	Core Course	Cloud Fundamentals (Azure)	2
4	CUCS1004	Core Course	Java Programming	6
5	CUCS1002	Core Course	Data Structures with Competitive Coding	6
6	CUCS1011	Core Course	Software Engineering and Testing	3
			Total	**23**

Semester 3				
SL No.	**Code**	**Course Category**	**Name of the Subject**	**Credits**
1	CUCS1003	Core Course	Design and Analysis of Algorithms	6
2	CUML1021	Core Course	Machine Learning for Predictive Analytics	4
3	CUML1022	Core Course	Deep Learning for Image Analytics	4
4	CUML1023	Core Course	Data Analytics using Tableau	4
			Total	**18**

Semester 4				
SL No.	Code	Course Category	Name of the Subject	Credits
1	CUML1025	Core Course	Project	6
2	CUCS1013	Core Course	Android Development with Kotlin	6
			Total Credits	**12**

			Total Credits for Degree	**80**